

ADDED RESOURCES

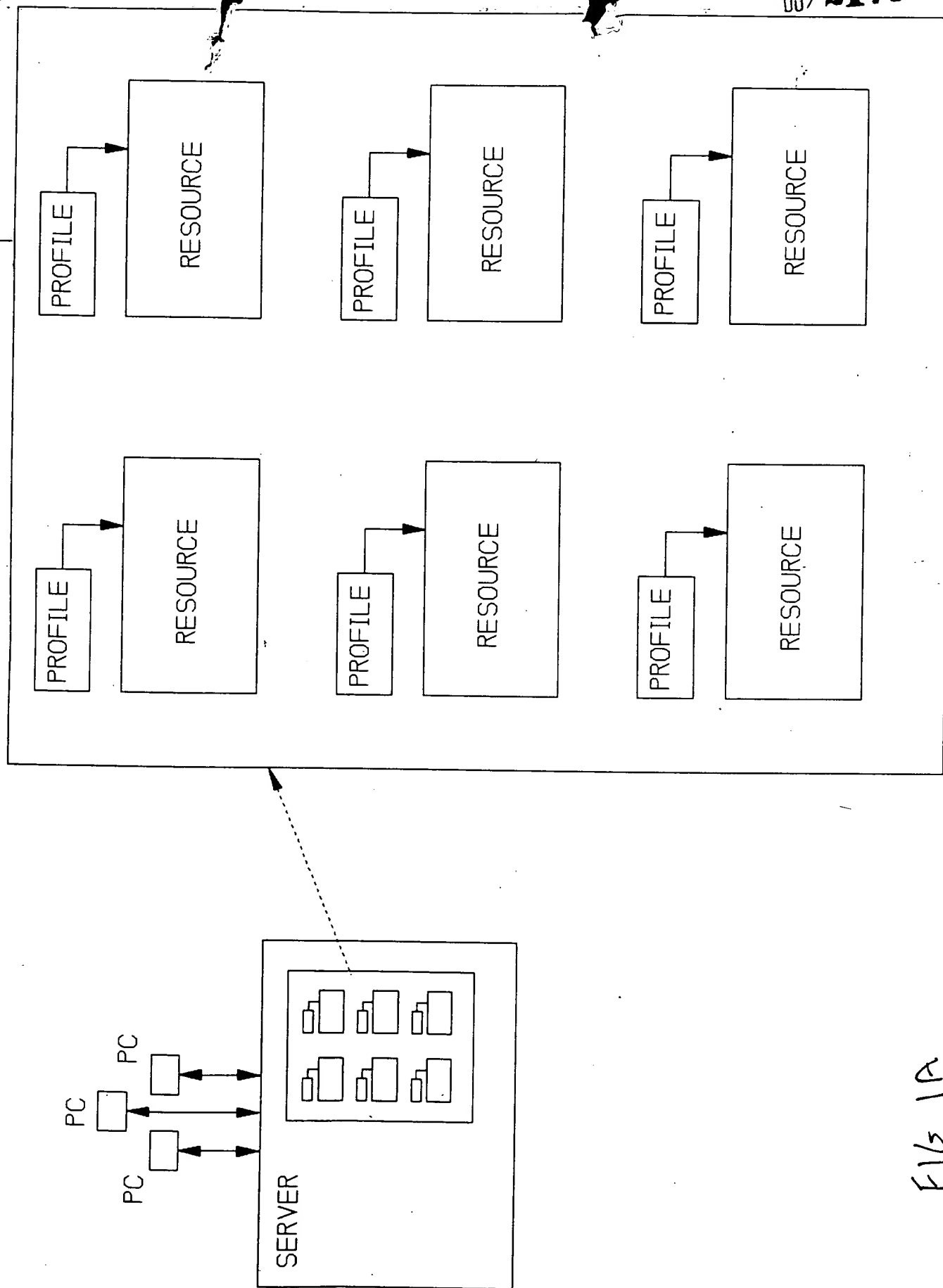


FIG 1A

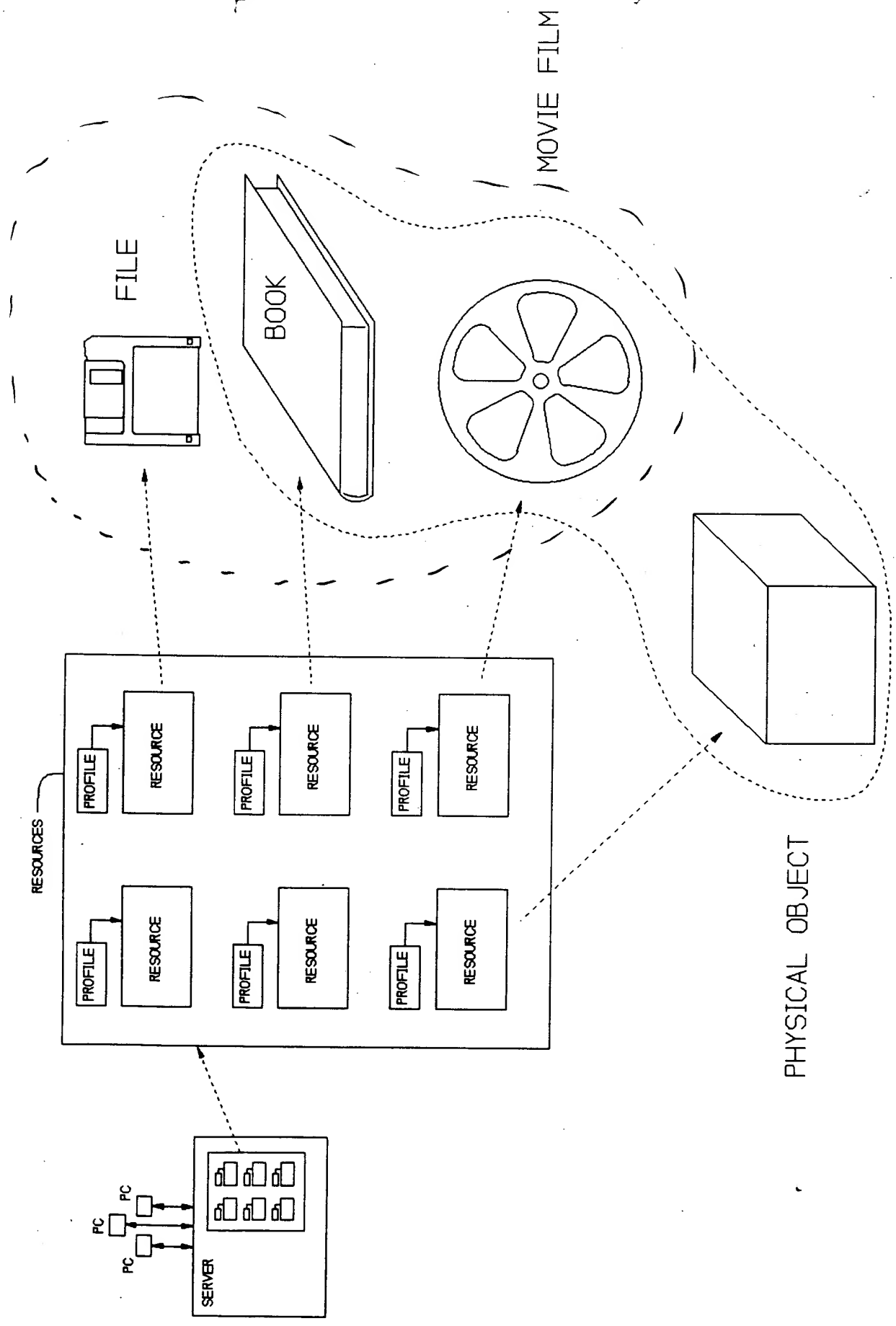
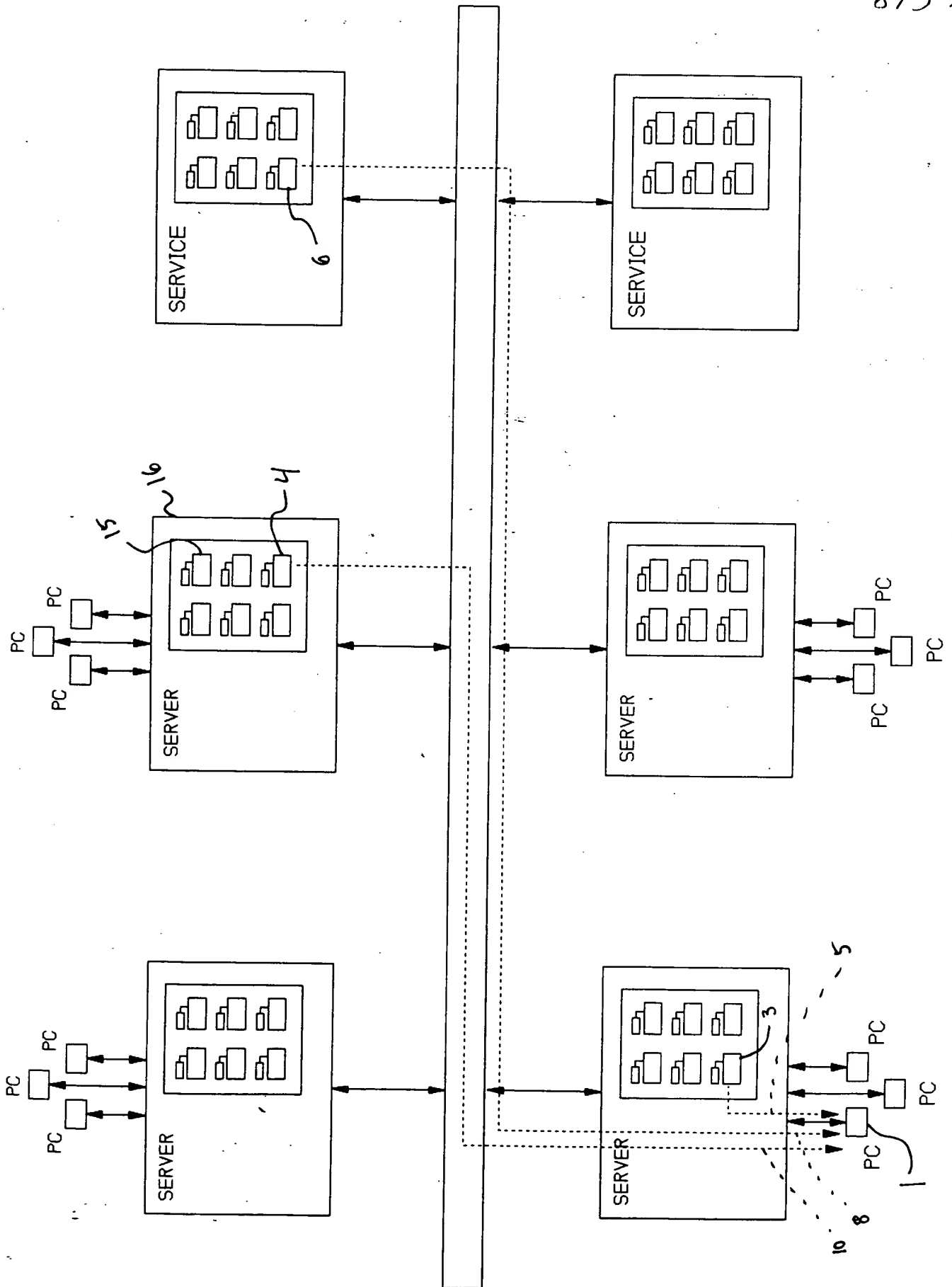


FIG 1B



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8/37/4

FIG. 1C



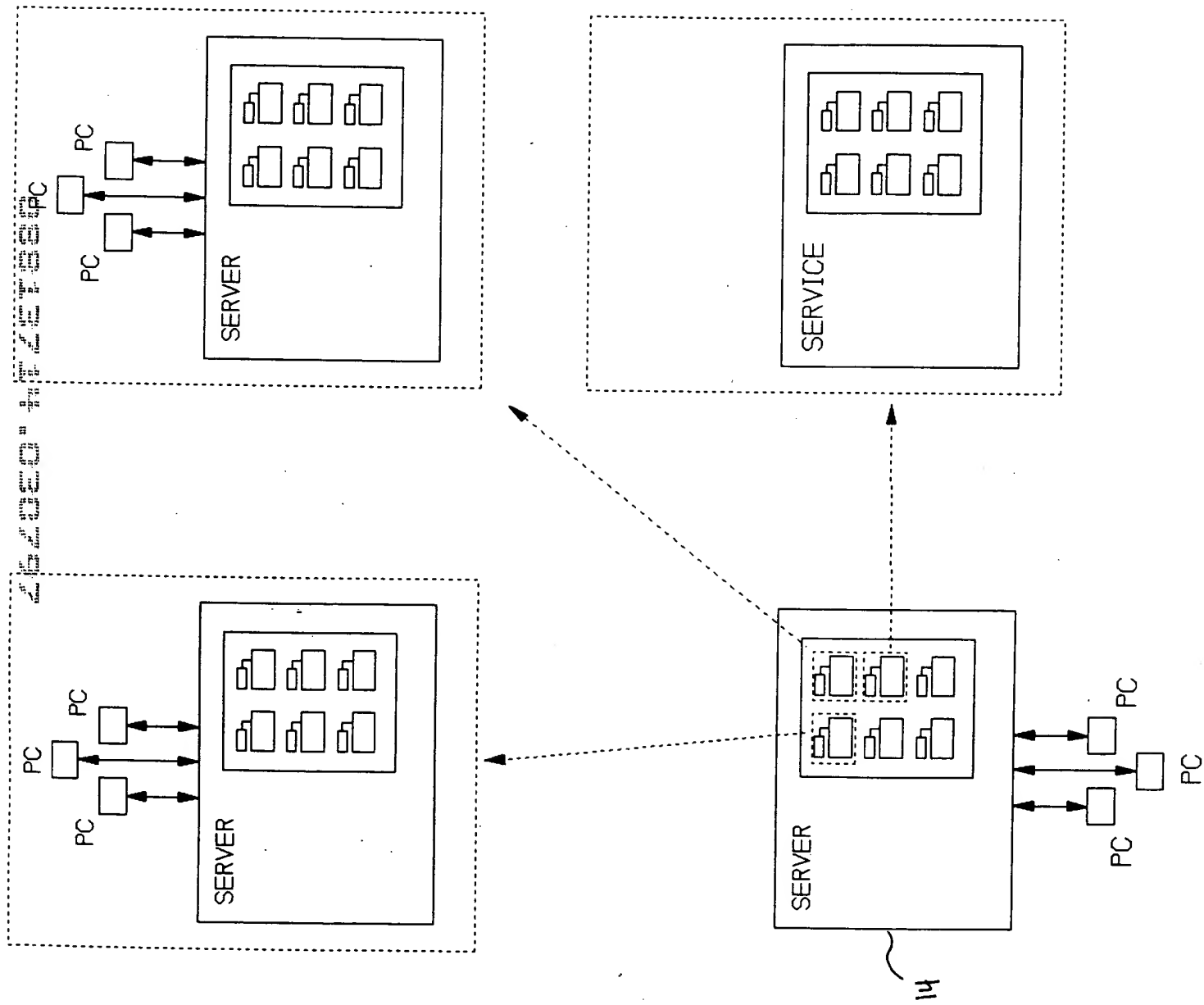


FIG 1D

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FIG. 1E is a schematic diagram of a network architecture showing a central bus connecting multiple local servers and a regional server. The regional server is connected to the bus and provides profiles to the local servers. The local servers are connected to the bus and provide resources to the local servers. The local servers are connected to the bus and provide resources to the local servers.

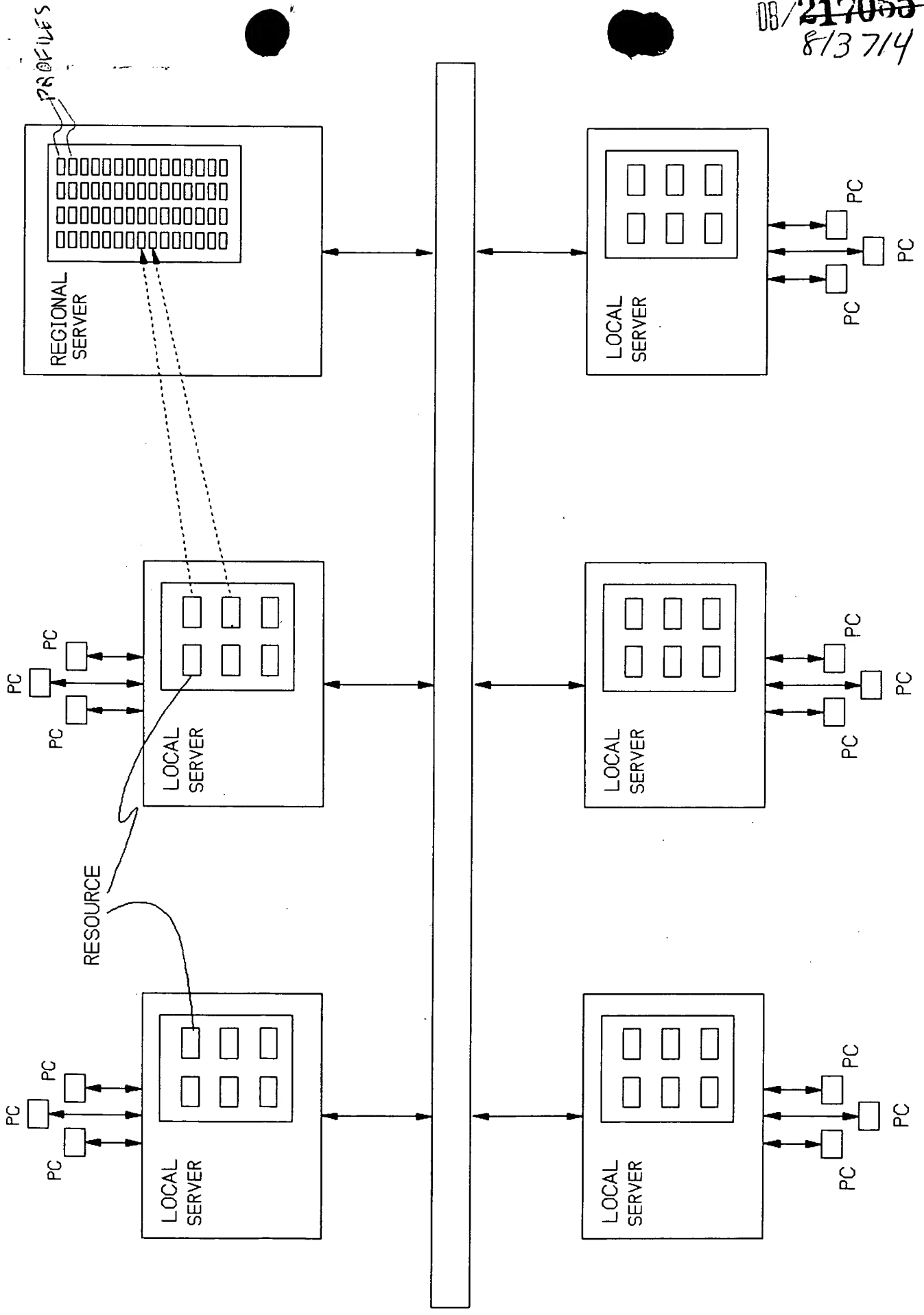
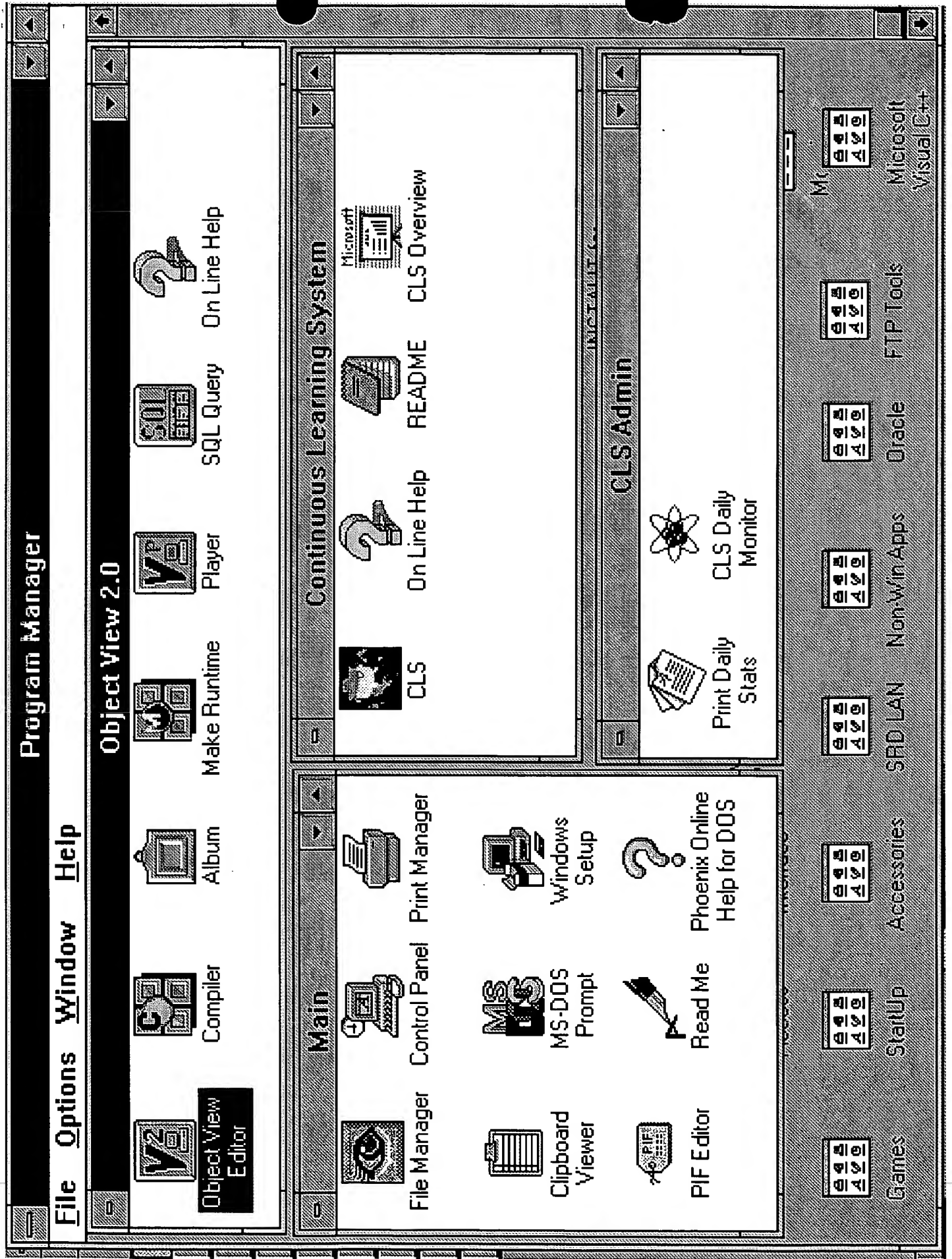


FIG 1E





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08, 217055

Fig. 1

Continuous Learning System

FileCLS OverviewHelp



An AT&T Company

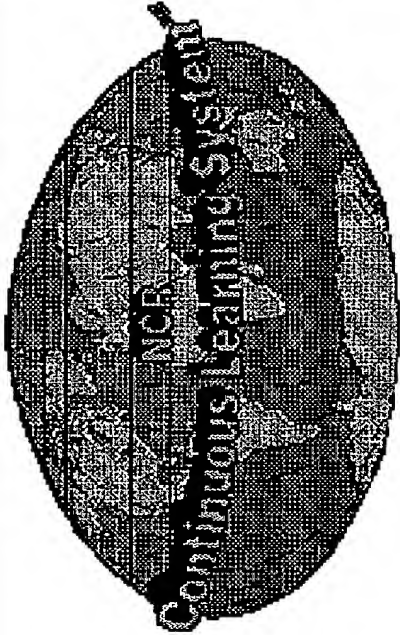
Copyright NCR Corp.  
1993, 1994 All rights reserved.

Login:


Password:


Ok


Cancel




\*\*\*\*\* WARNING \*\*\*\*\*  
FOR NCR INTERNAL USE ONLY  
This system is approved for  
UNRESTRICTED and NCR  
CONFIDENTIAL information only.

After Dark

Vshield

Microsoft  
PowerPoint -  
Presentation


C:  
Program  
Manager

08/217055 8/3/94


Fig. 2

Continuous Learning System

File CUS Overview Help

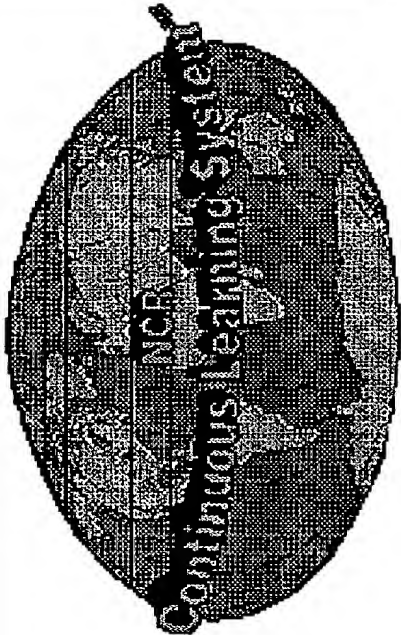


AT&T



An AT&T Company

Copyright NCR Corp.  
1993, 1994 All rights reserved.



Login:  
vcowan

Password:  
#####

Ok

Cancel


\*\*\*\*\* WARNING \*\*\*\*\*  
FOR NCR INTERNAL USE ONLY  
This system is approved for UNRESTRICTED and NCR CONFIDENTIAL information only.

-  After Dark
-  Vshield
-  Microsoft PowerPoint - Presentation
-  C: Program Manager

08/2170655  
813 714  
Fig. 3

Continuous Learning System

File CLS Overview Help



NCR

An AT&T Company

Copyright NCR Corp.  
1993, 1994 All rights reserved.

Login:

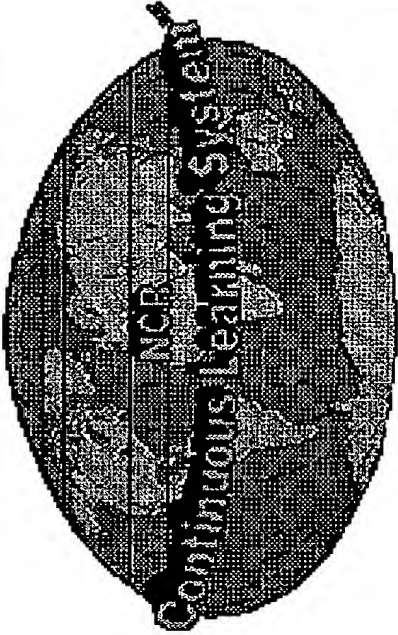
vcowan

Password:


#####


Ok


Cancel




Please Wait...Attempting to log on to  
the Continuous Learning System.

After Dark

Vshield

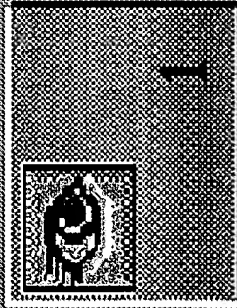
Microsoft  
PowerPoint -  
Presentation

C:\  
Program  
Manager

813 714  
08/217055  
Fig. 4

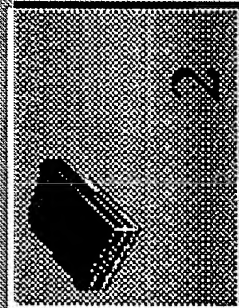


# Continuous Learning System



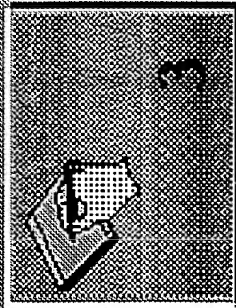
## Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



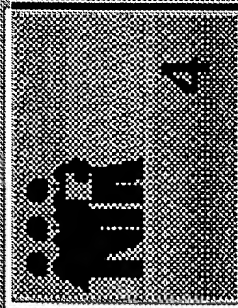
## Provide or Distribute

- Add, edit or delete entries to the Resource Center.



## Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



## Personal Information

- Review your personal profile.
- Change password.

Session Active.  
Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.

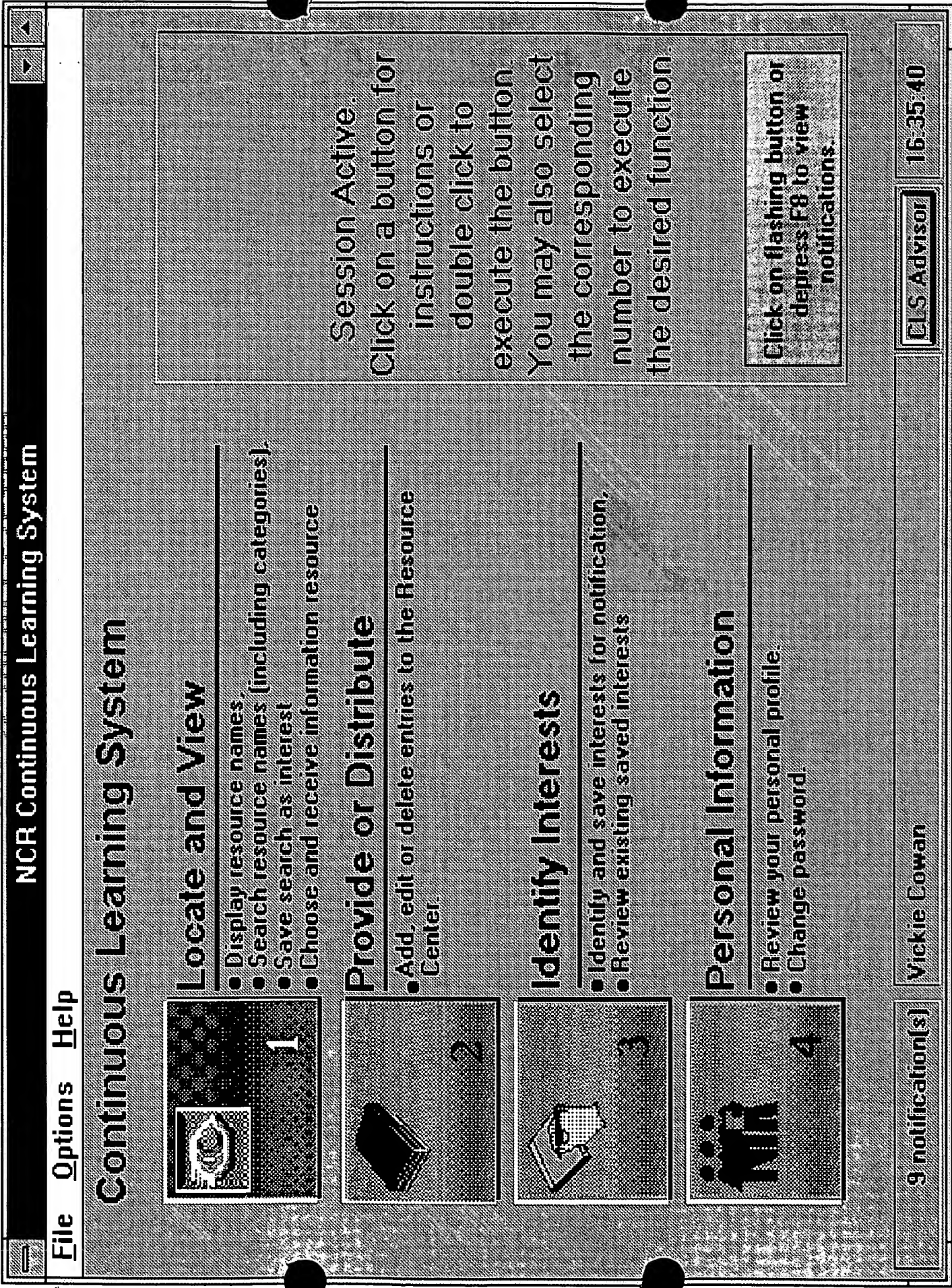
9 notification(s)

Vickie Cowan

CLS Advisor

16:35:17

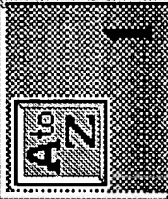




08/813714

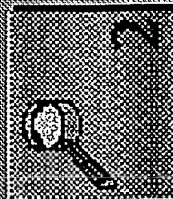


## Locate and View



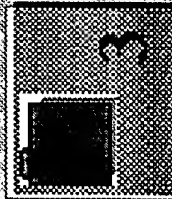
### All Resources

- Display all authorized resources.



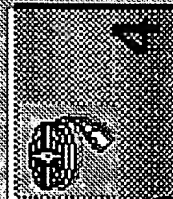
### General Search

- Search resources by titles, descriptions, and/or dates.



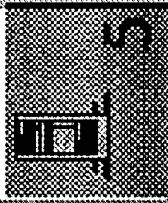
### Category

- Display all authorized resources by categories.



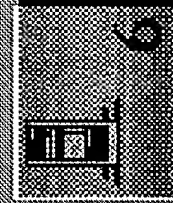
### Media

- Display all authorized resources by media type.



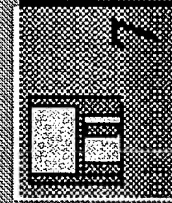
### Repositories

- Display all authorized resources by repositories.



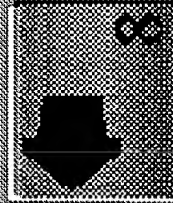
### Systems

- Display all systems that can be executed by CLS.



### Save Search as Interest.

- Saves last search request.



### Back to Previous Screen

- Close window and return to main

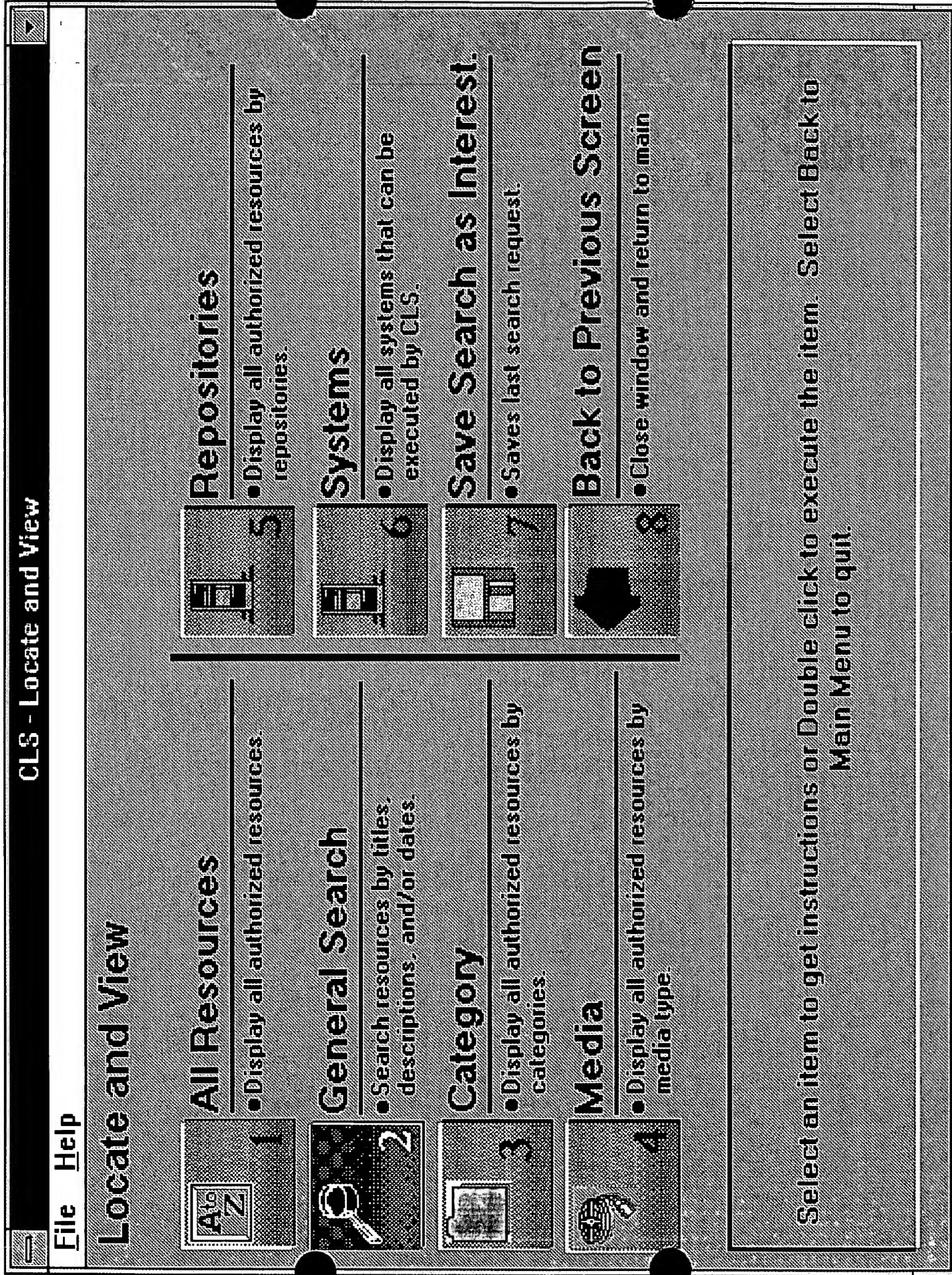
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

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Fig. 8



CLS-Locate and View 1.000

File Help

Search

AND OR NOT!

Title: AND

Description: ON

Date: // dd/mm/yy

Ok Cancel Clear Help

Media

Display all authorized resources by media type.

BACK TO PREVIOUS SCREEN

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.



Fig. 10

CLS - Locate and View

File Help

Locate and View

Search

AND @

OR

NOT !

Title: unix

Description:

Date: / /

AND

OR

NOT !

OK

Cancel

Clear

Help

Media

Display all authorized resources by media type.

BACK TO PREVIOUS SCREEN

Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

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Catalog Search Results

File Help

Resource Profile...

7 entries returned.

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCR's Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	NCR UNIX Online Library

RetrieveClose

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File Help

Catalog Search Results

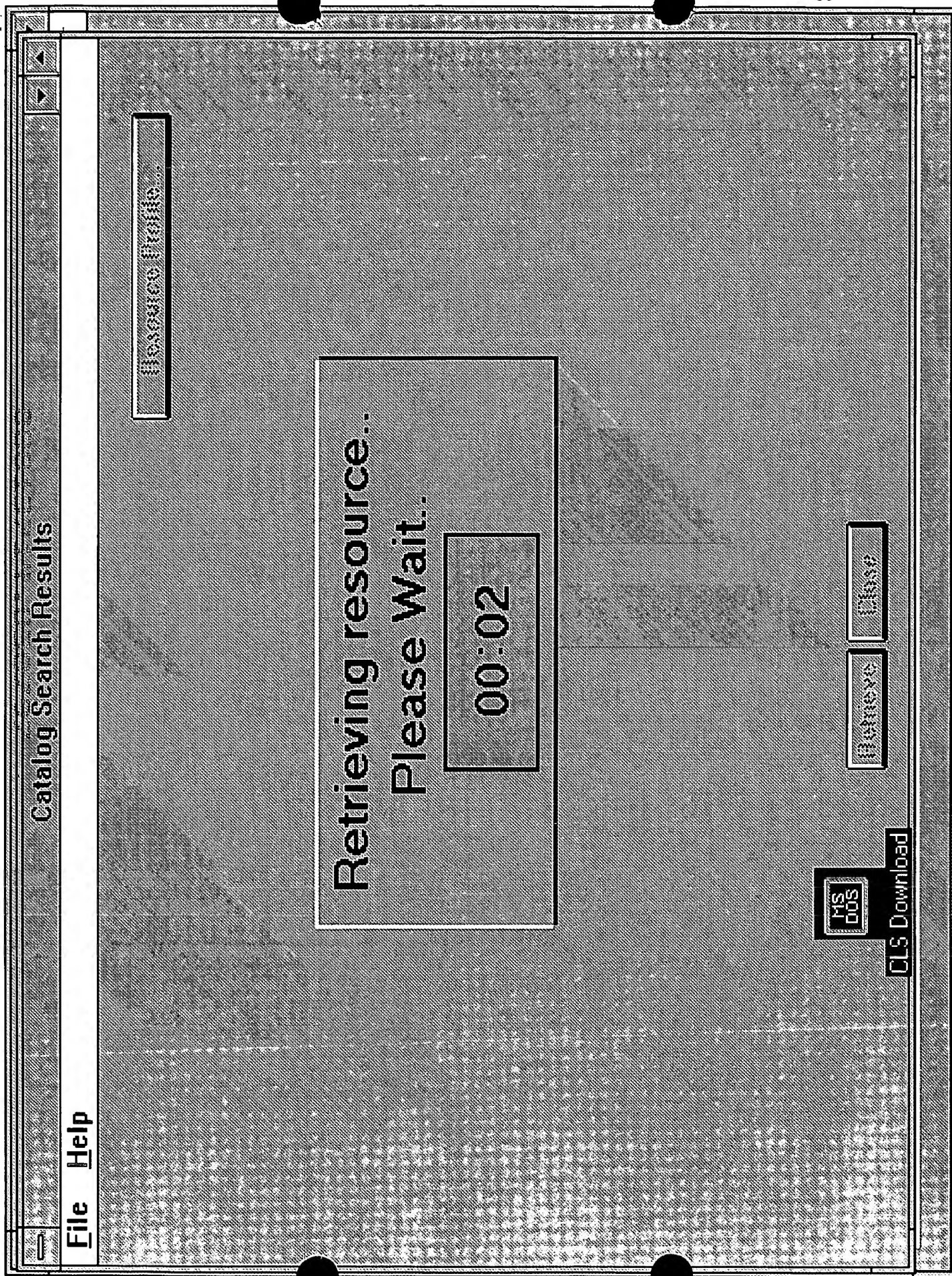
7 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCR's Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	NCR UNIX Online Library

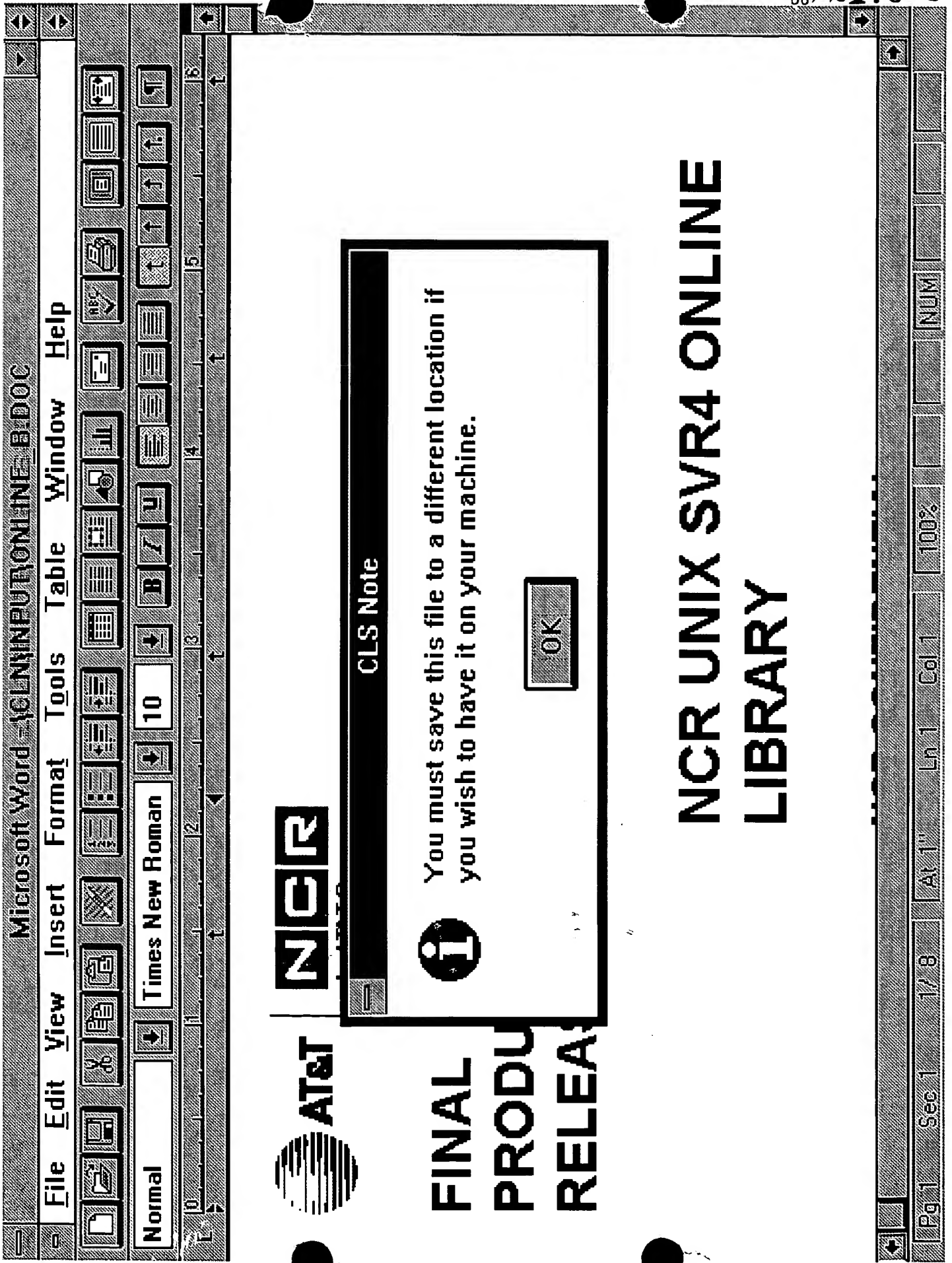
Retrieve Close

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08/13714





08/813 714



Normal

Times New Roman

10

B I U

100%

Ln 1

Col 1

NUM



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FINAL  
PRODUCT  
RELEASE

NCR UNIX SVR4 ONLINE  
LIBRARY

CLS - Locate and View

File Help

Search

File Help

AND@ OR! NOT!

Title: unix@library

Description:

Date: / /

dd/mm/yy

OK Cancel Clear Help

media

4

BACK TO PREVIOUS SCREEN

• Display all authorized resources by media type.

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

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**Catalog Search Results**

File Help

1 entries returned.

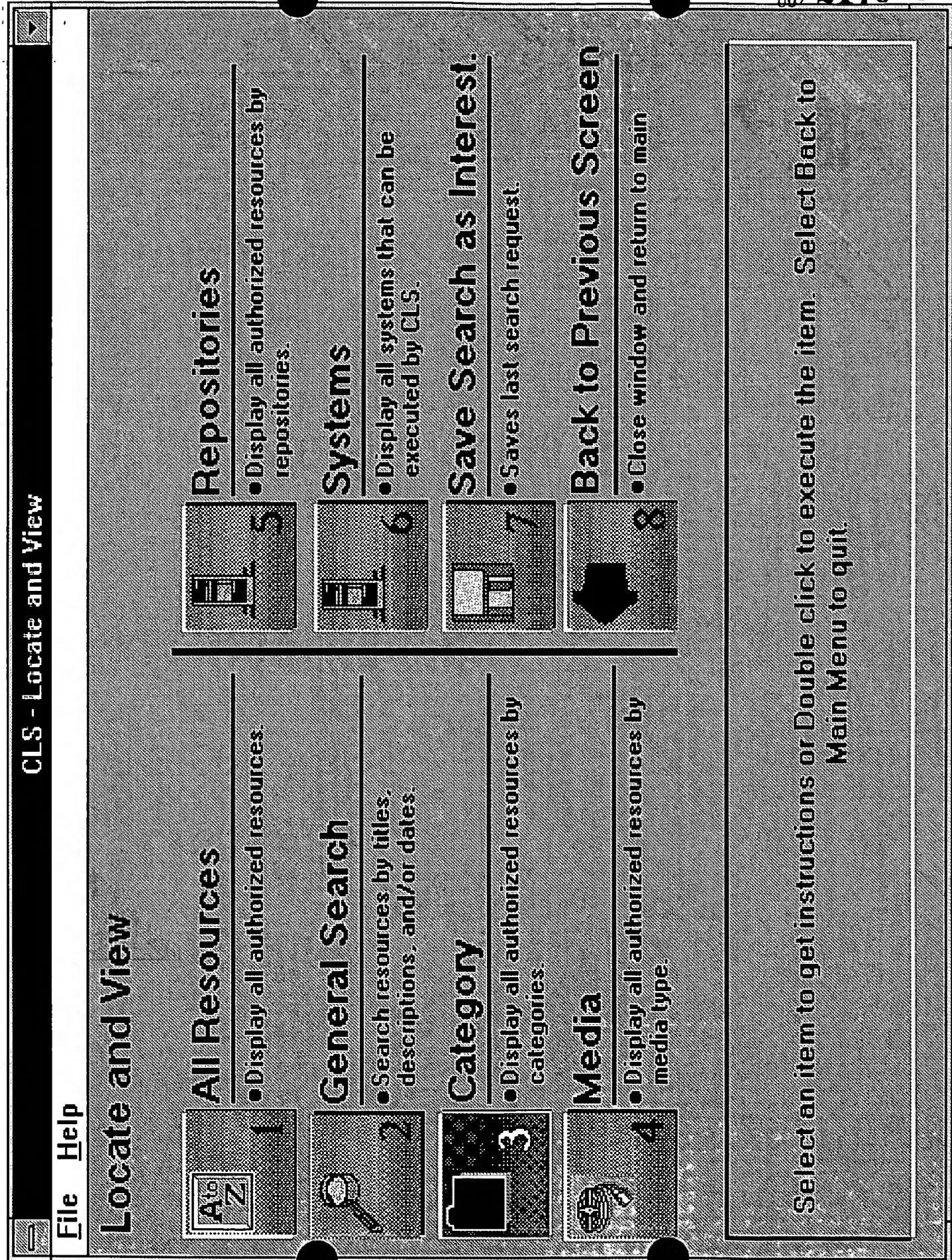
Resource Profile...

Media	Date/Time	Title
On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve Close

12/12/80

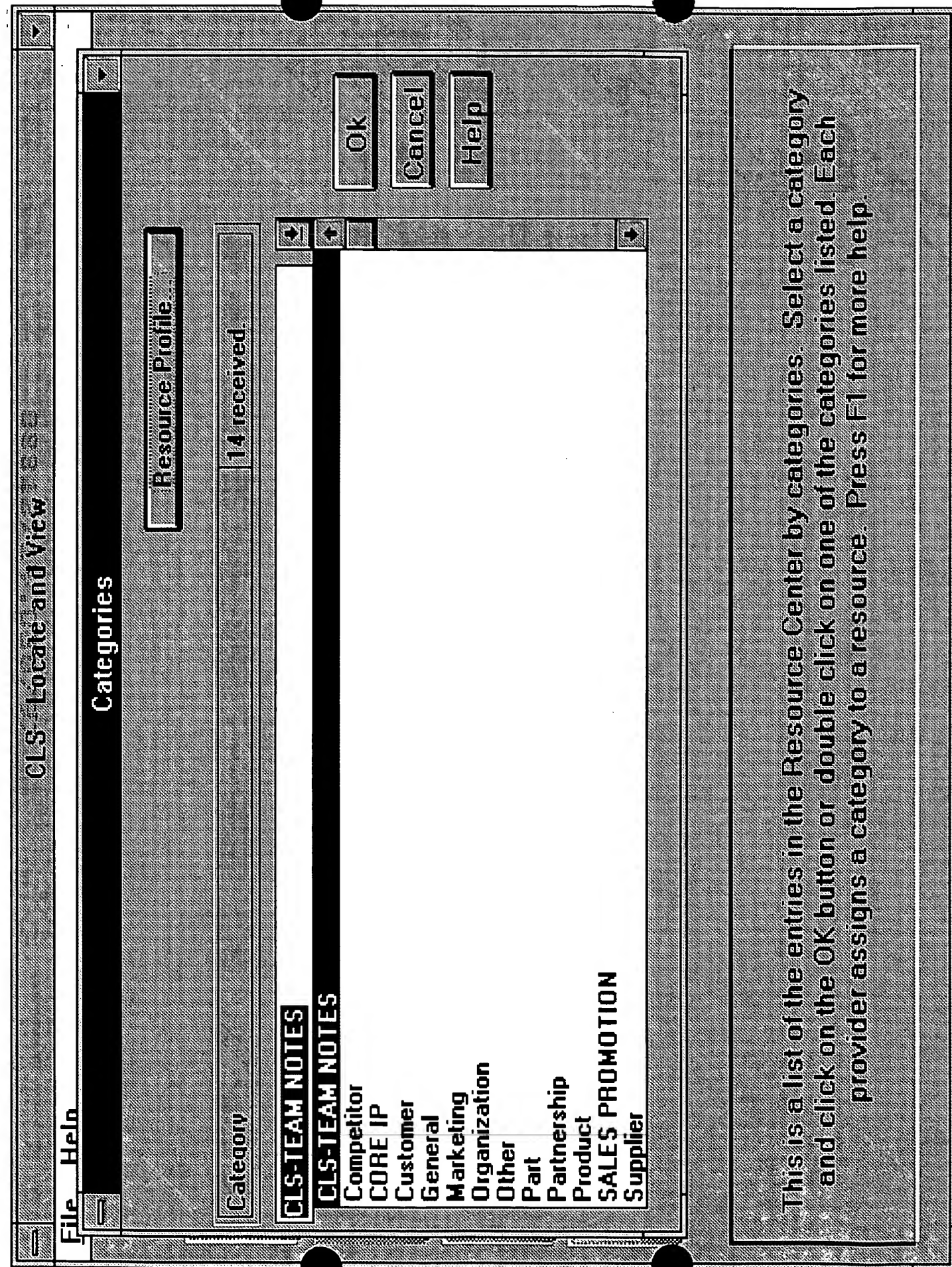
08/13/74

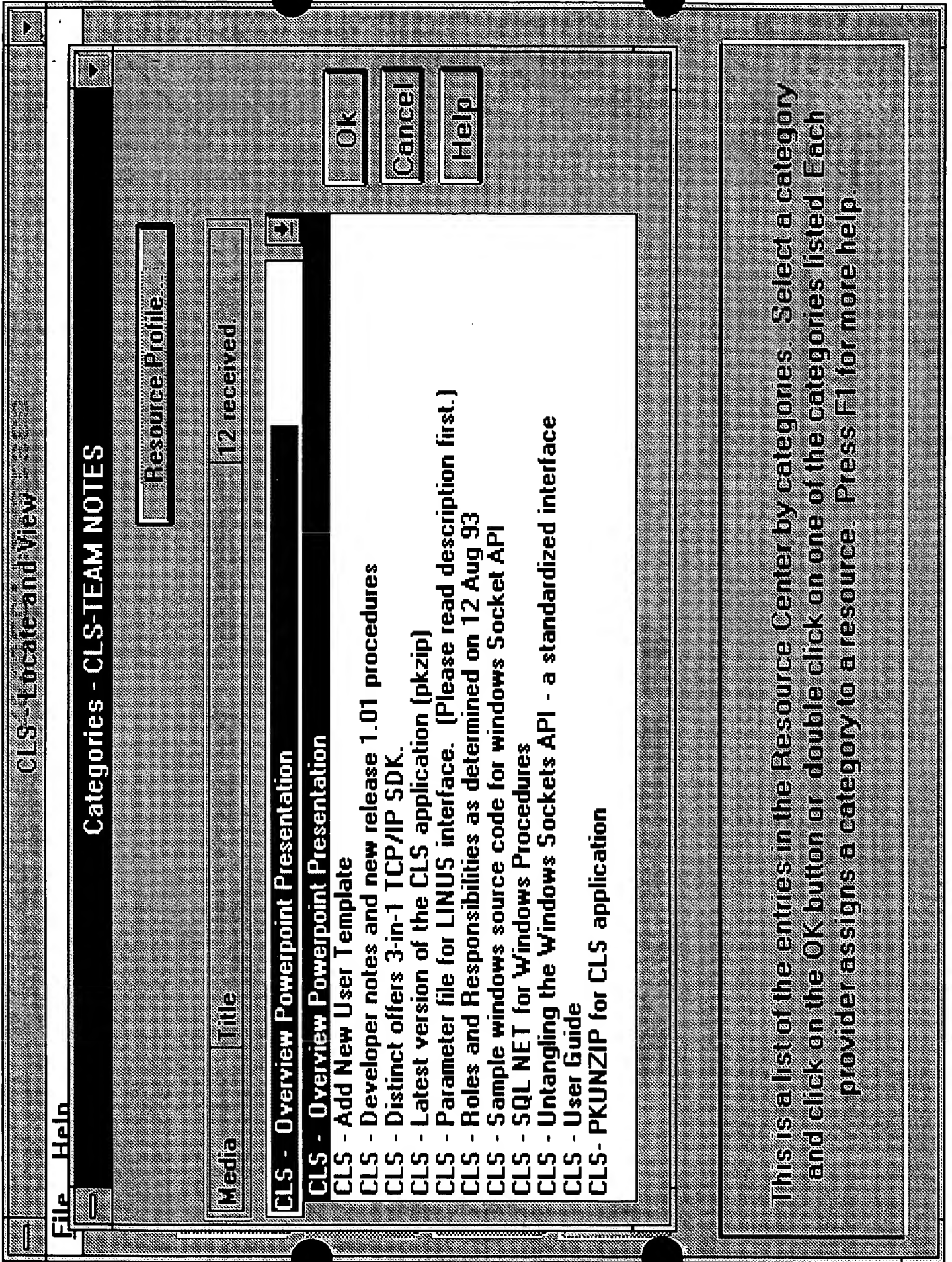


08/217065

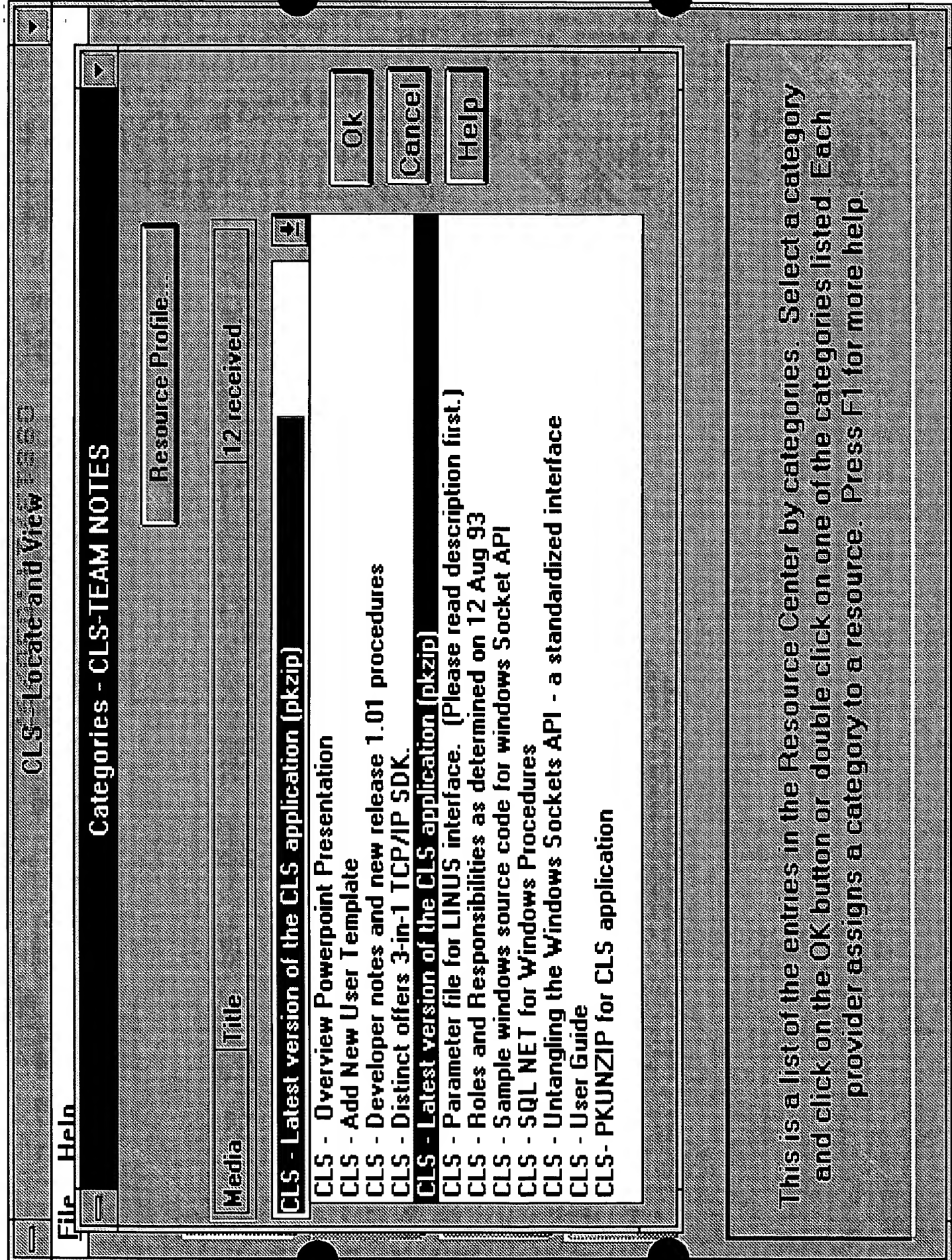
Fig. 18



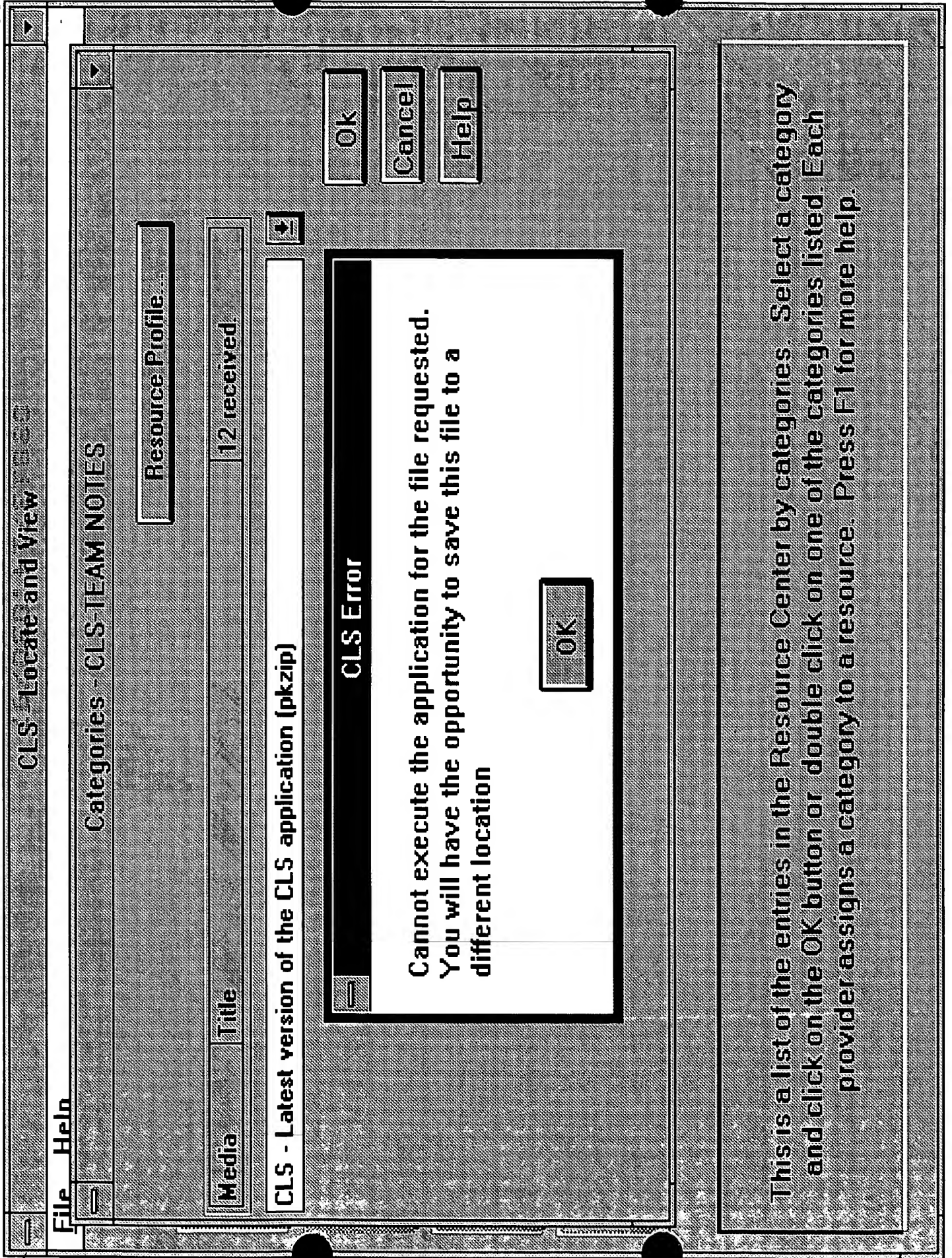










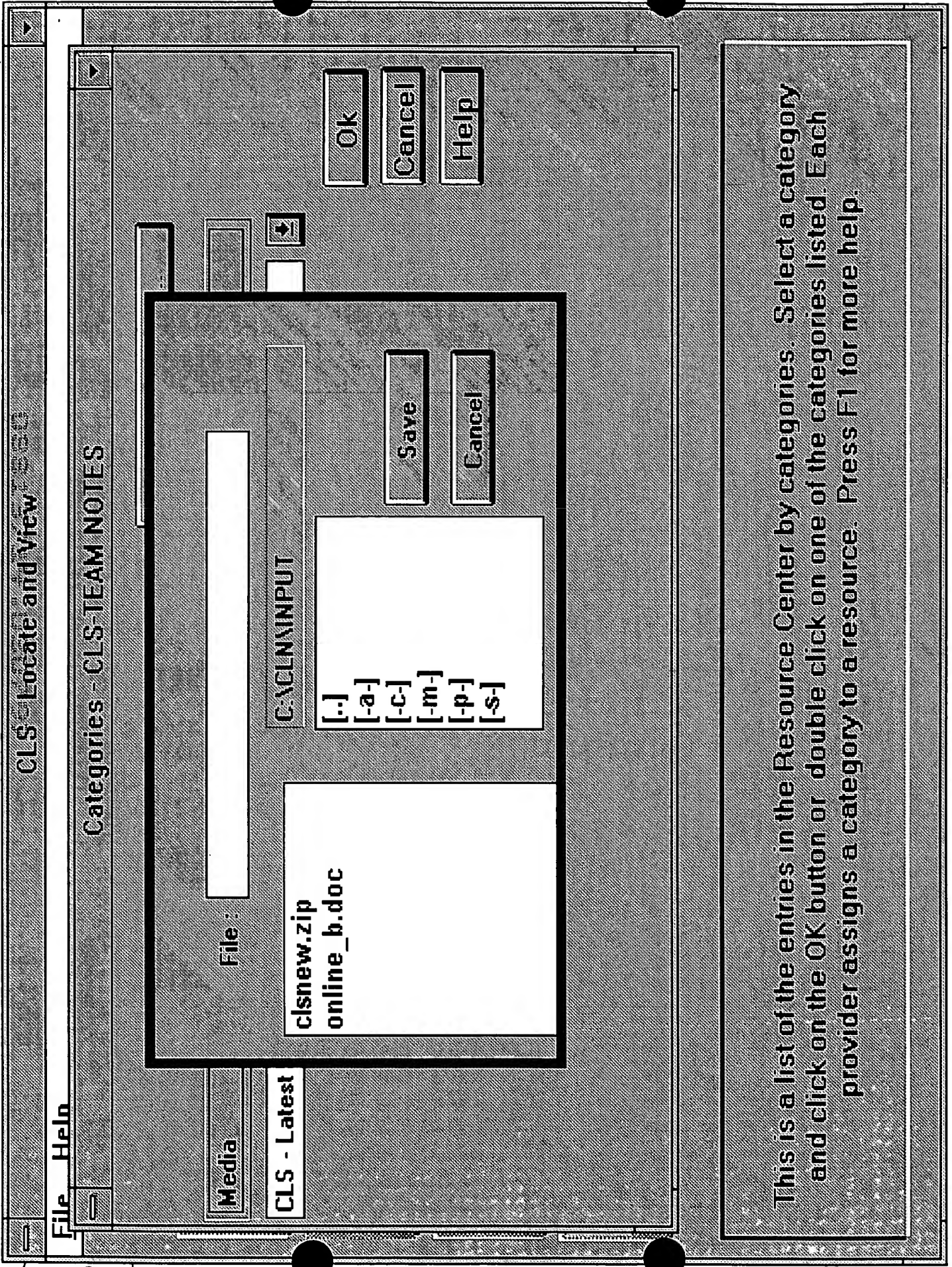


This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

Fig. 22



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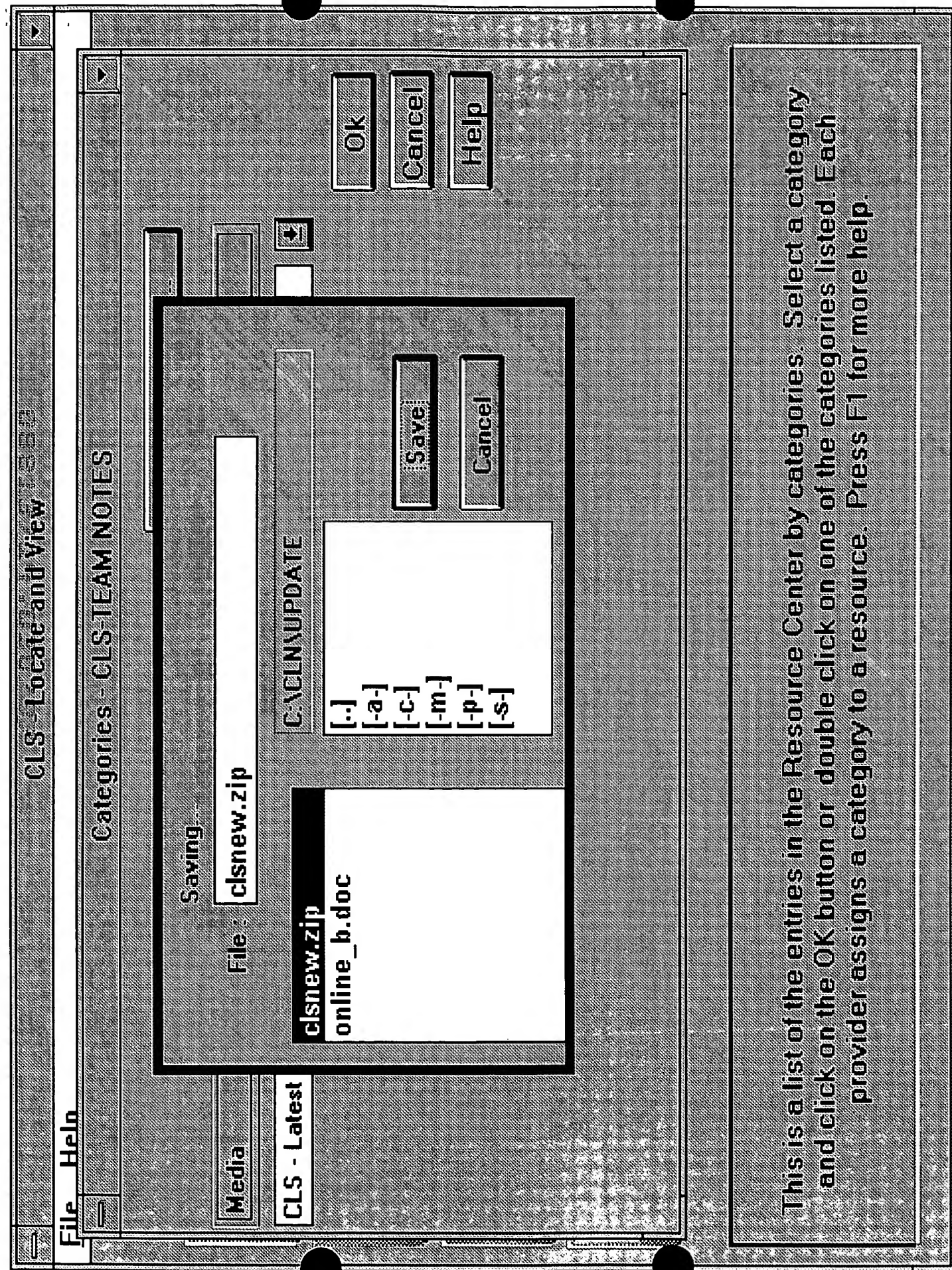


This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

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Fig. 23

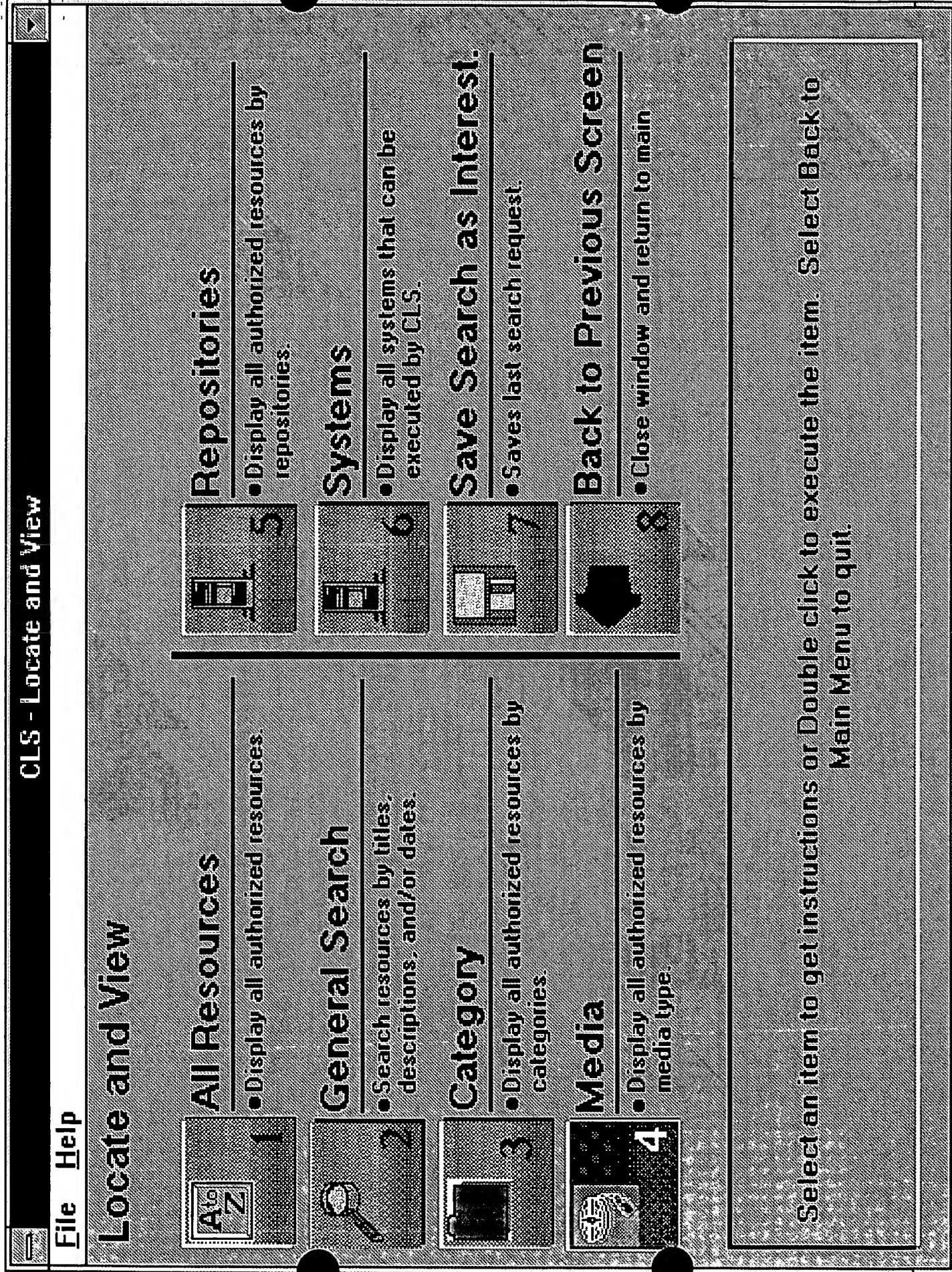




This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.



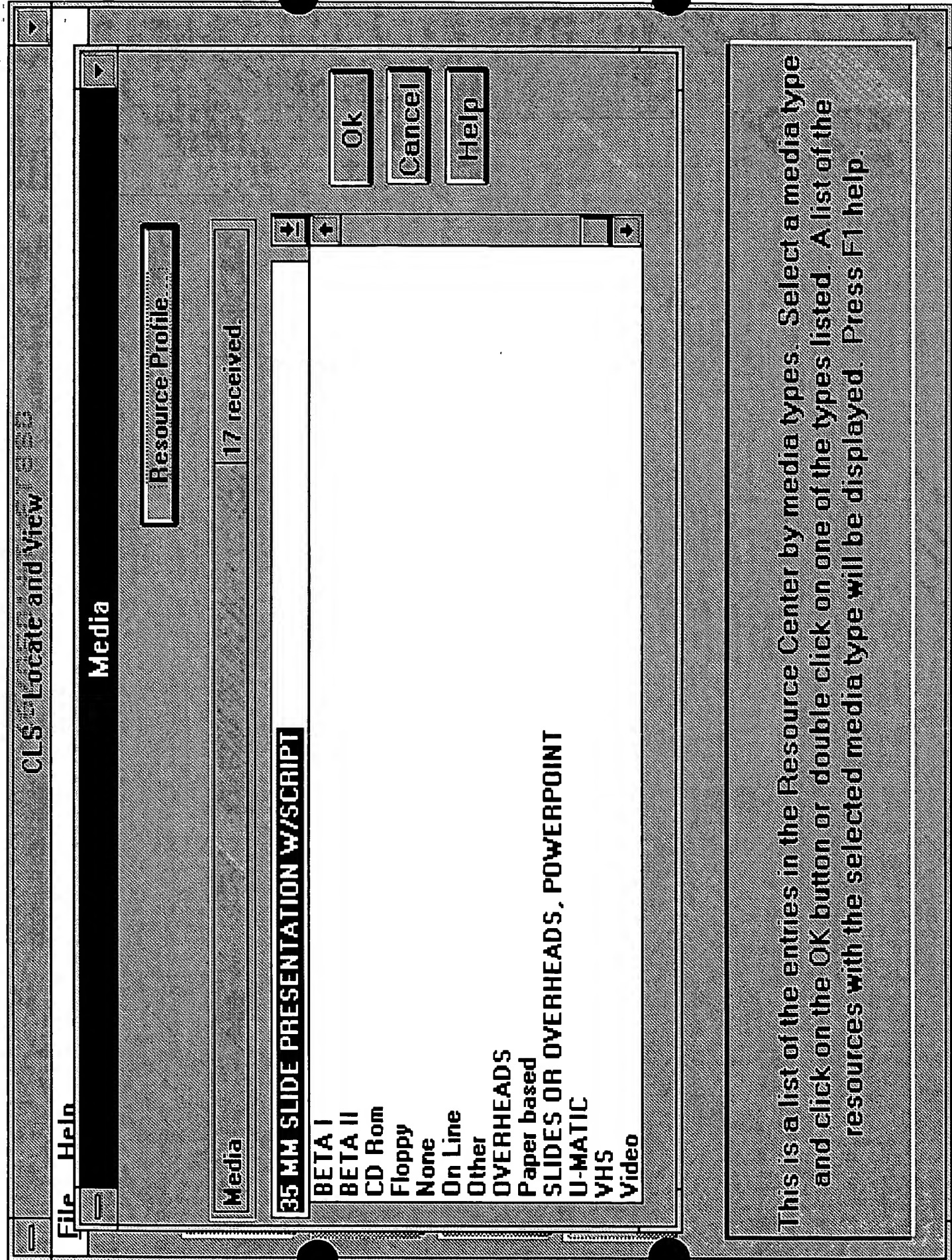
08/13/14



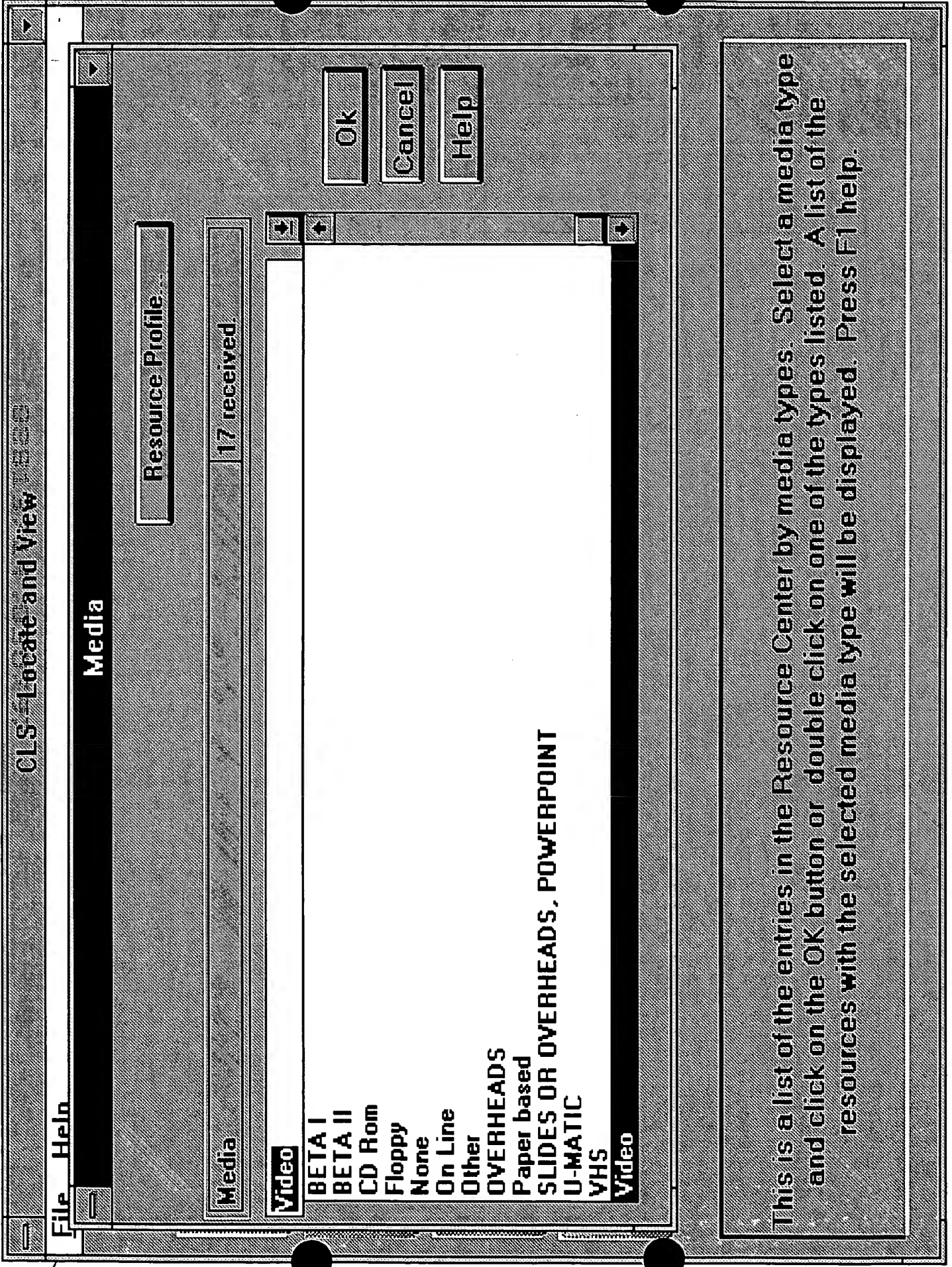
08/217065

Fig. 25





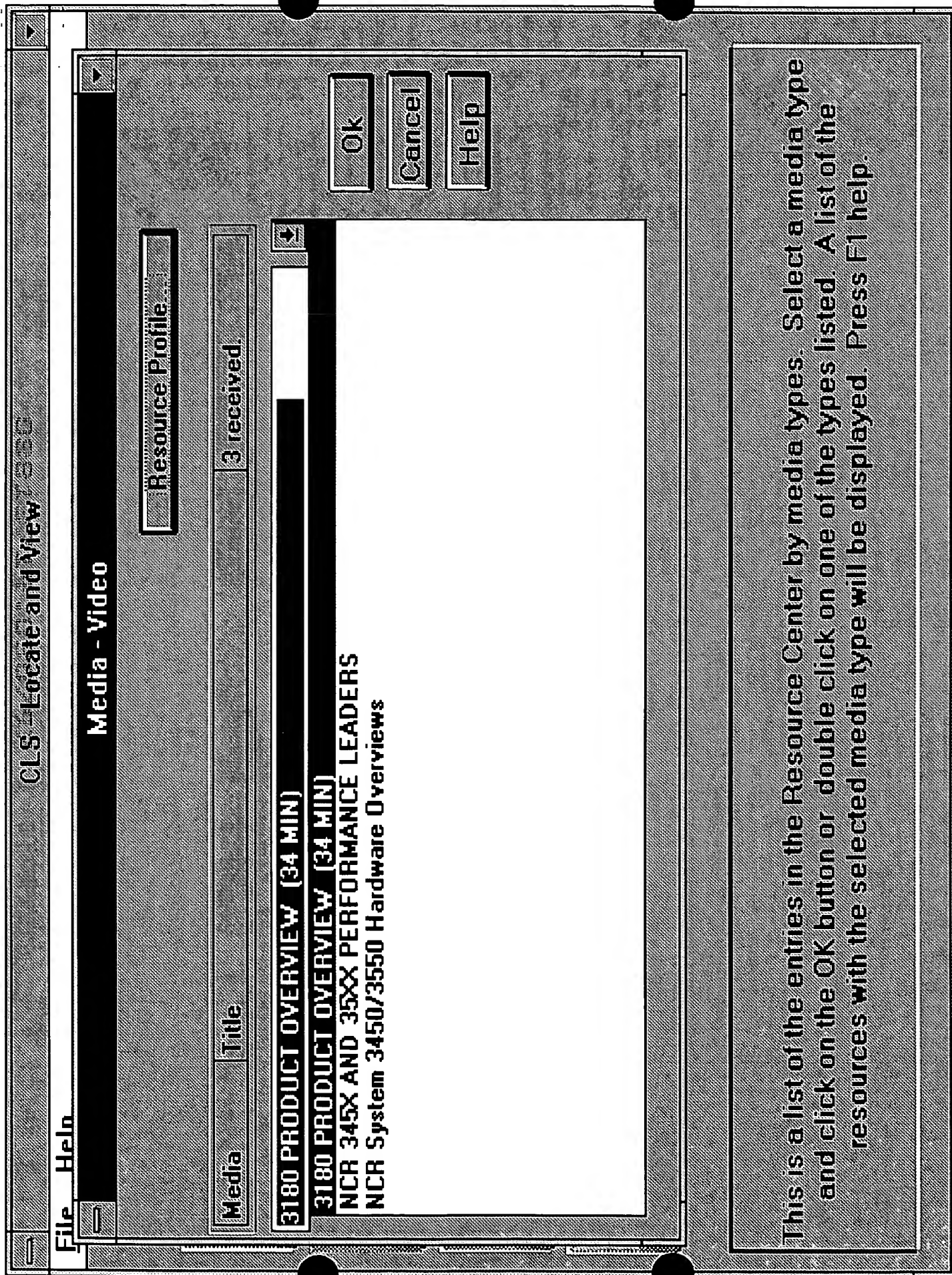
08/18/80



This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.

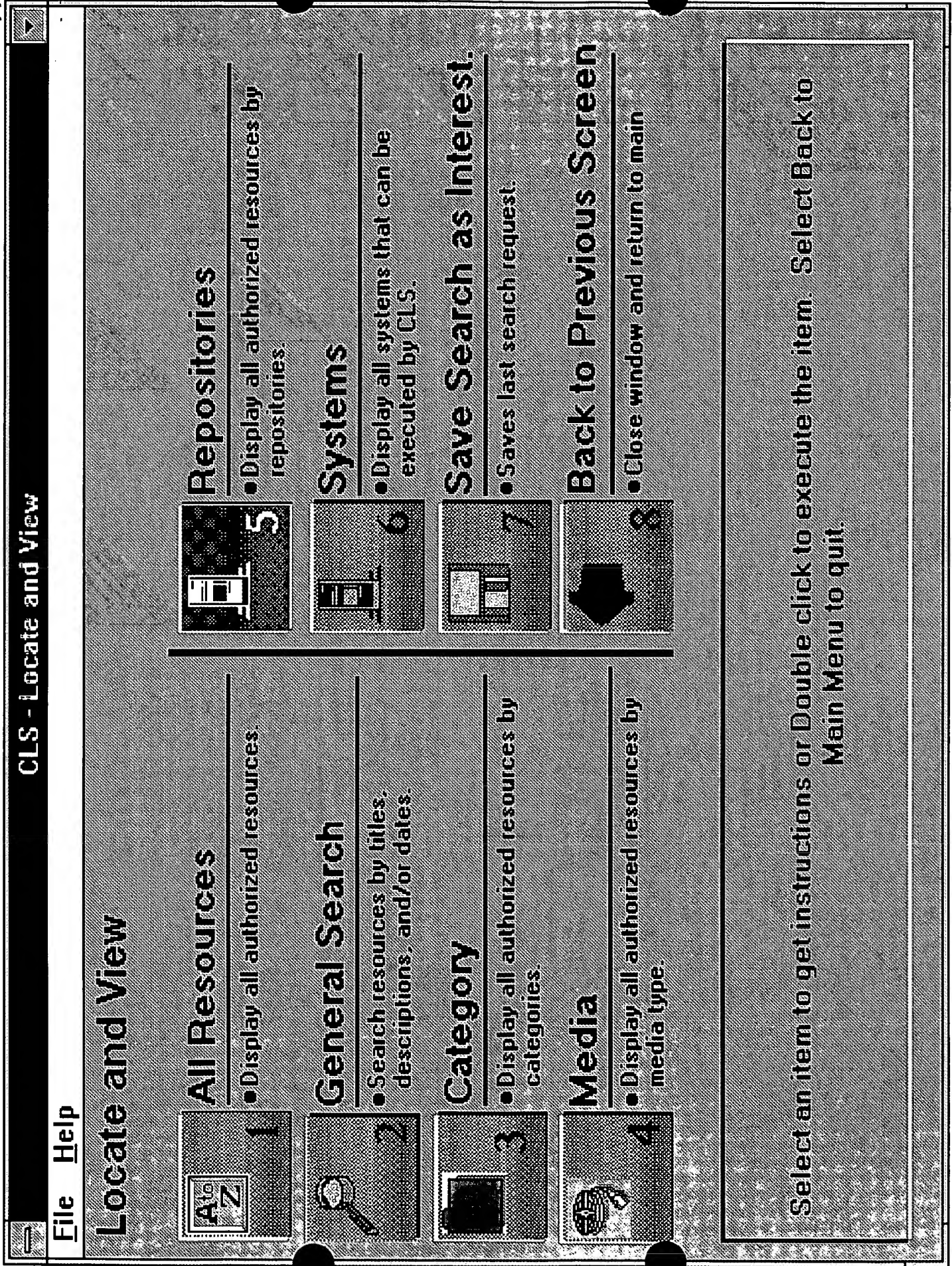
08/13714





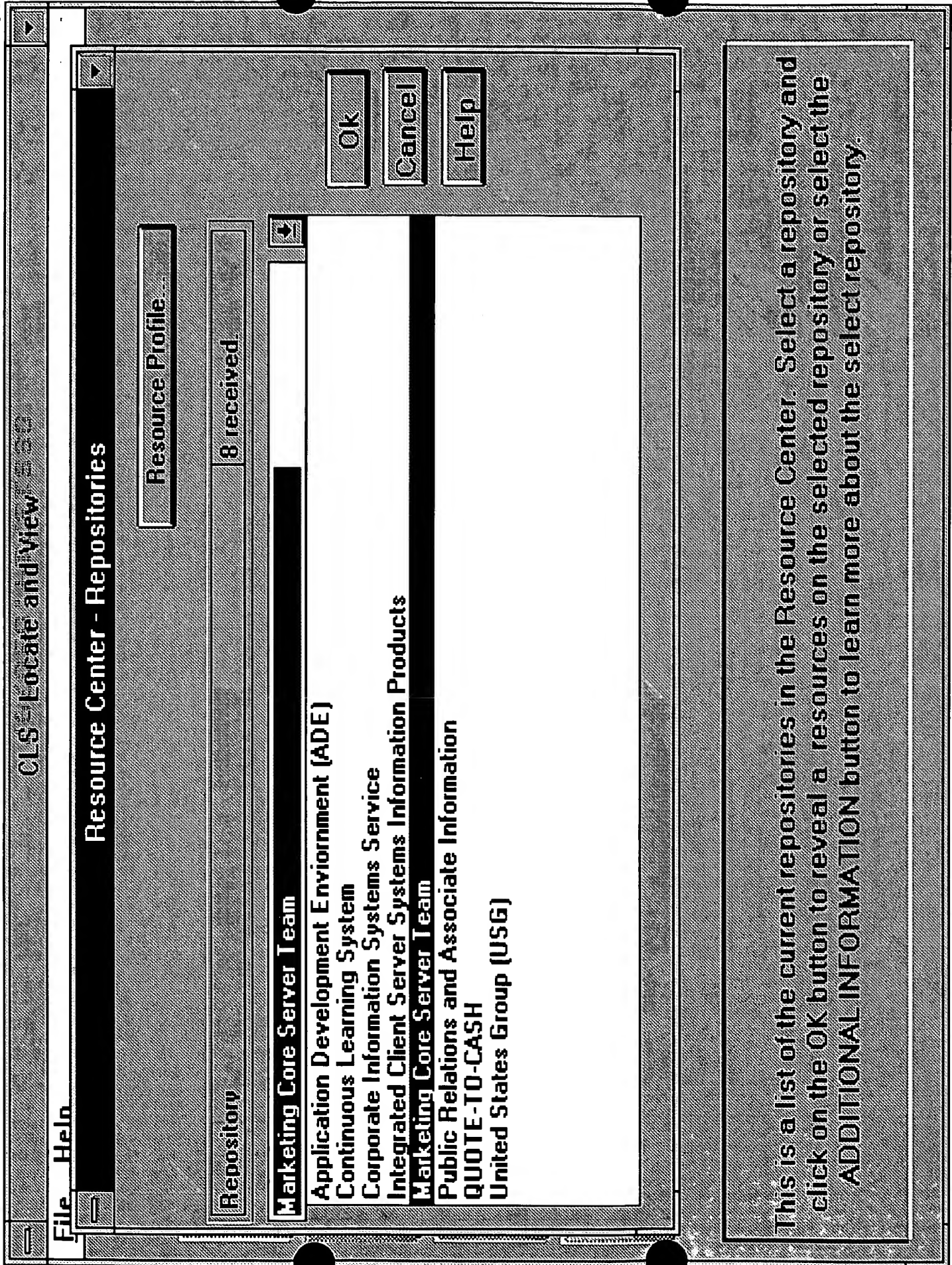
08/13/74





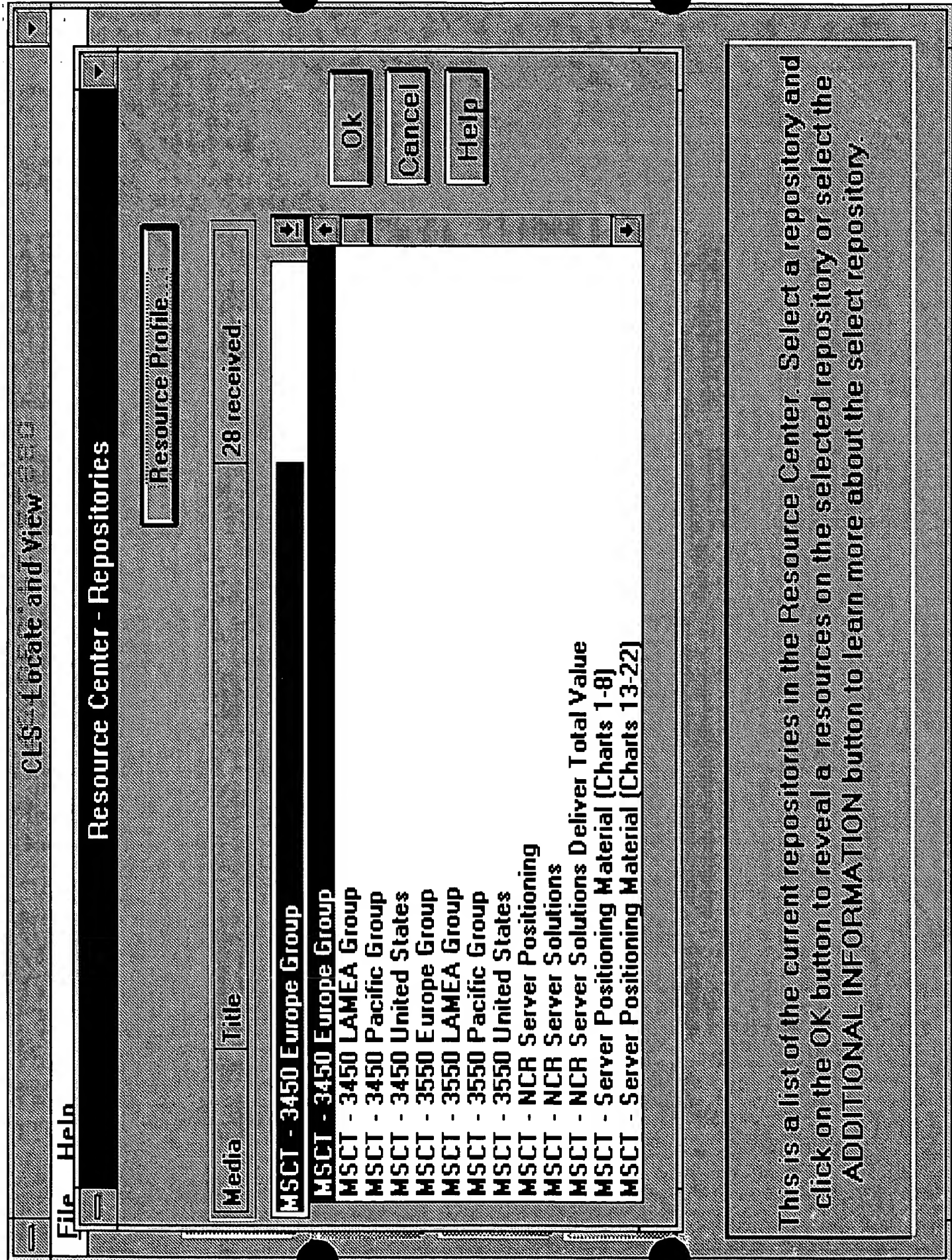
08/813744





This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

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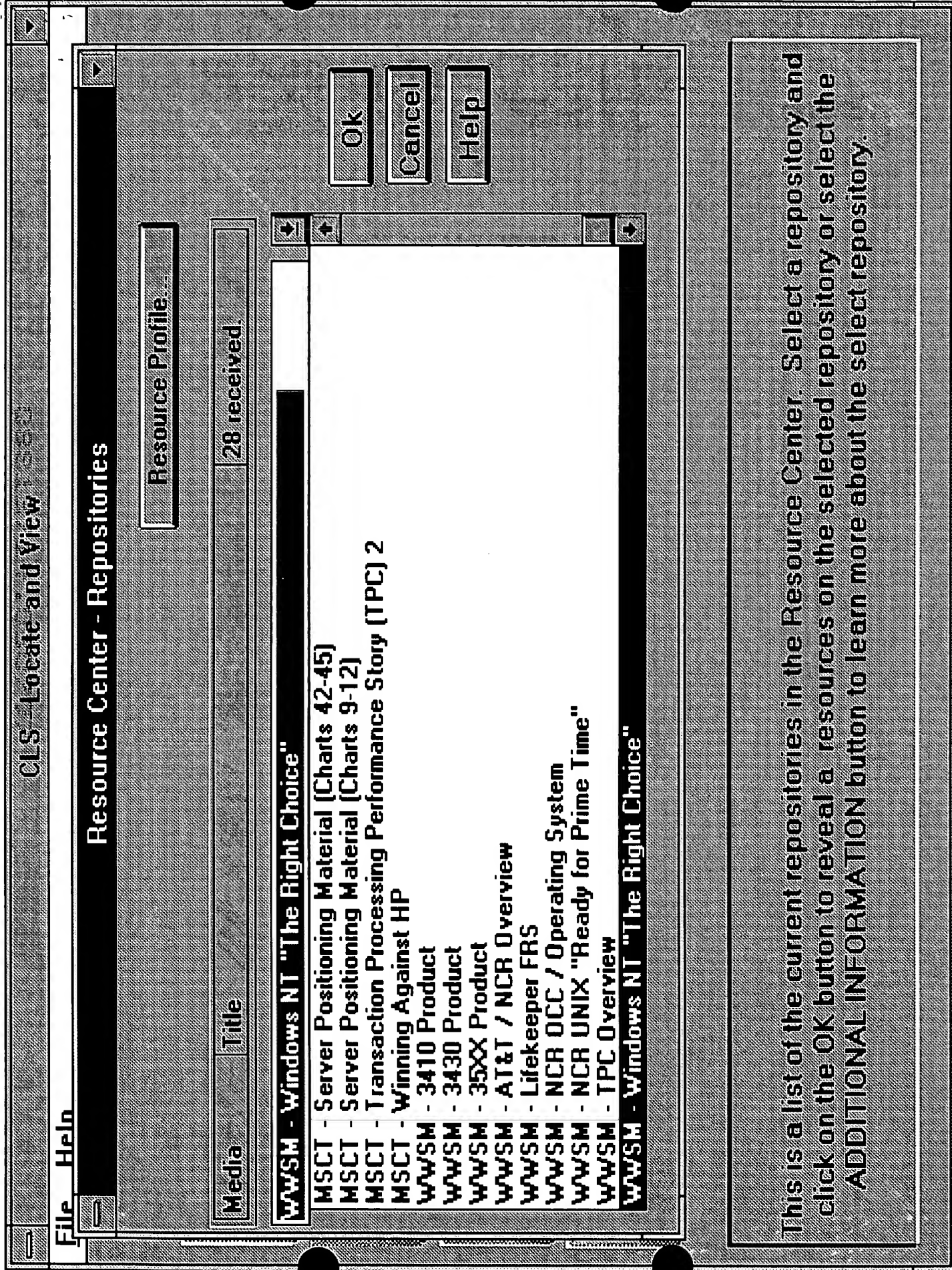


This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

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This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

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Fig. 32

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# The Right Choice for Windows NT

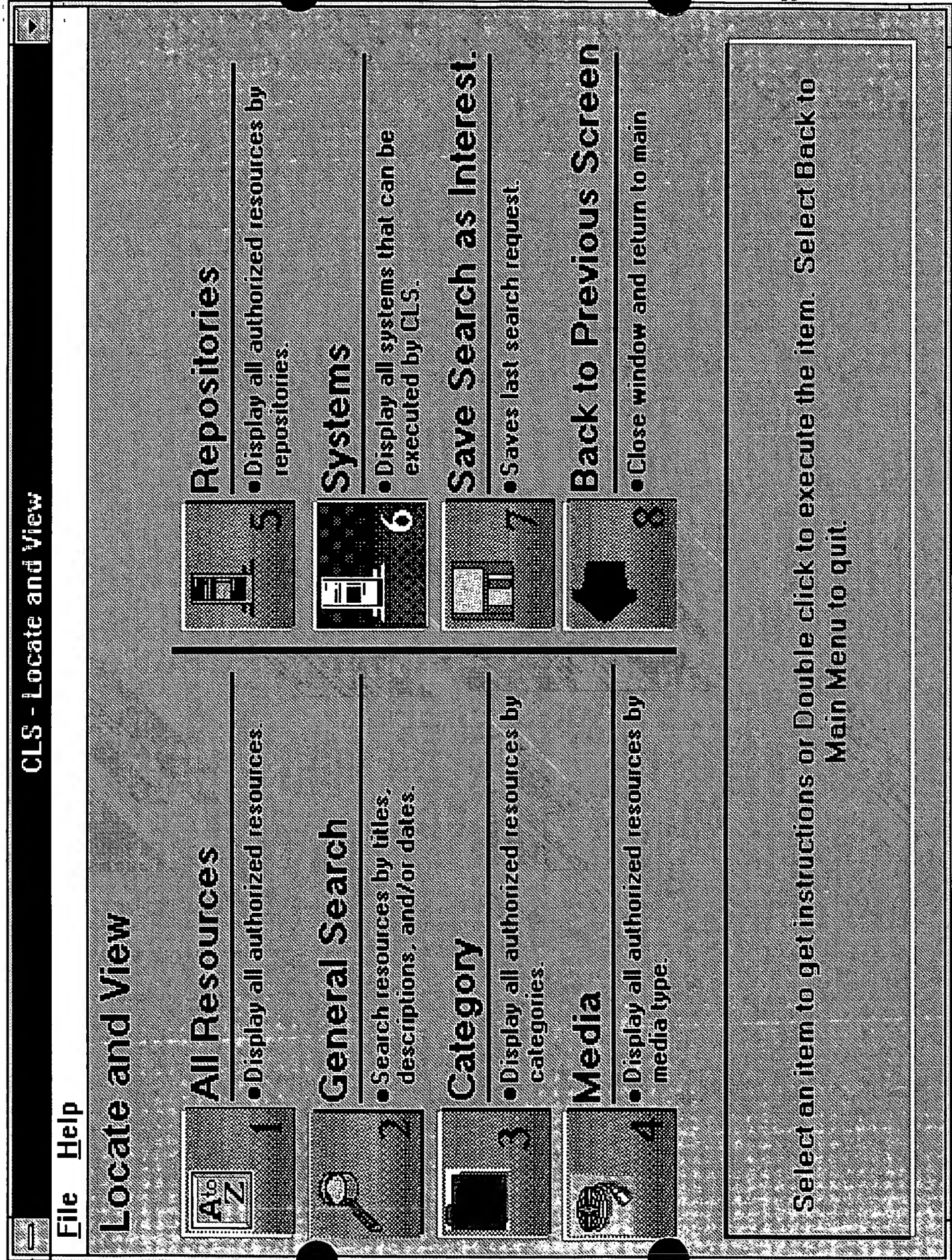


Powerful. Open  
Solutions

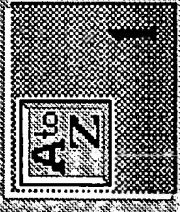




08/13/14

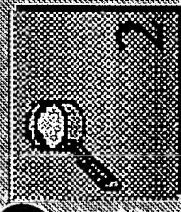


# Locate and View



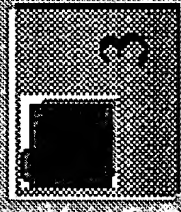
## All Resources

- Display all authorized resources.



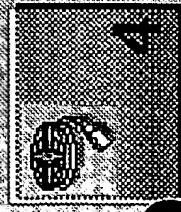
## General Search

- Search resources by titles, descriptions, and/or dates.



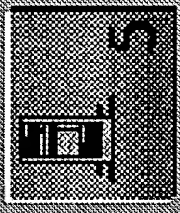
## Category

- Display all authorized resources by categories.



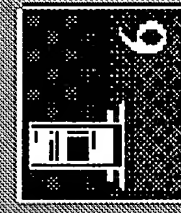
## Media

- Display all authorized resources by media type.



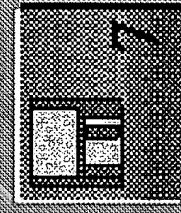
## Repositories

- Display all authorized resources by repositories.



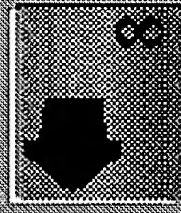
## Systems

- Display all systems that can be executed by CLS.



## Save Search as Interest.

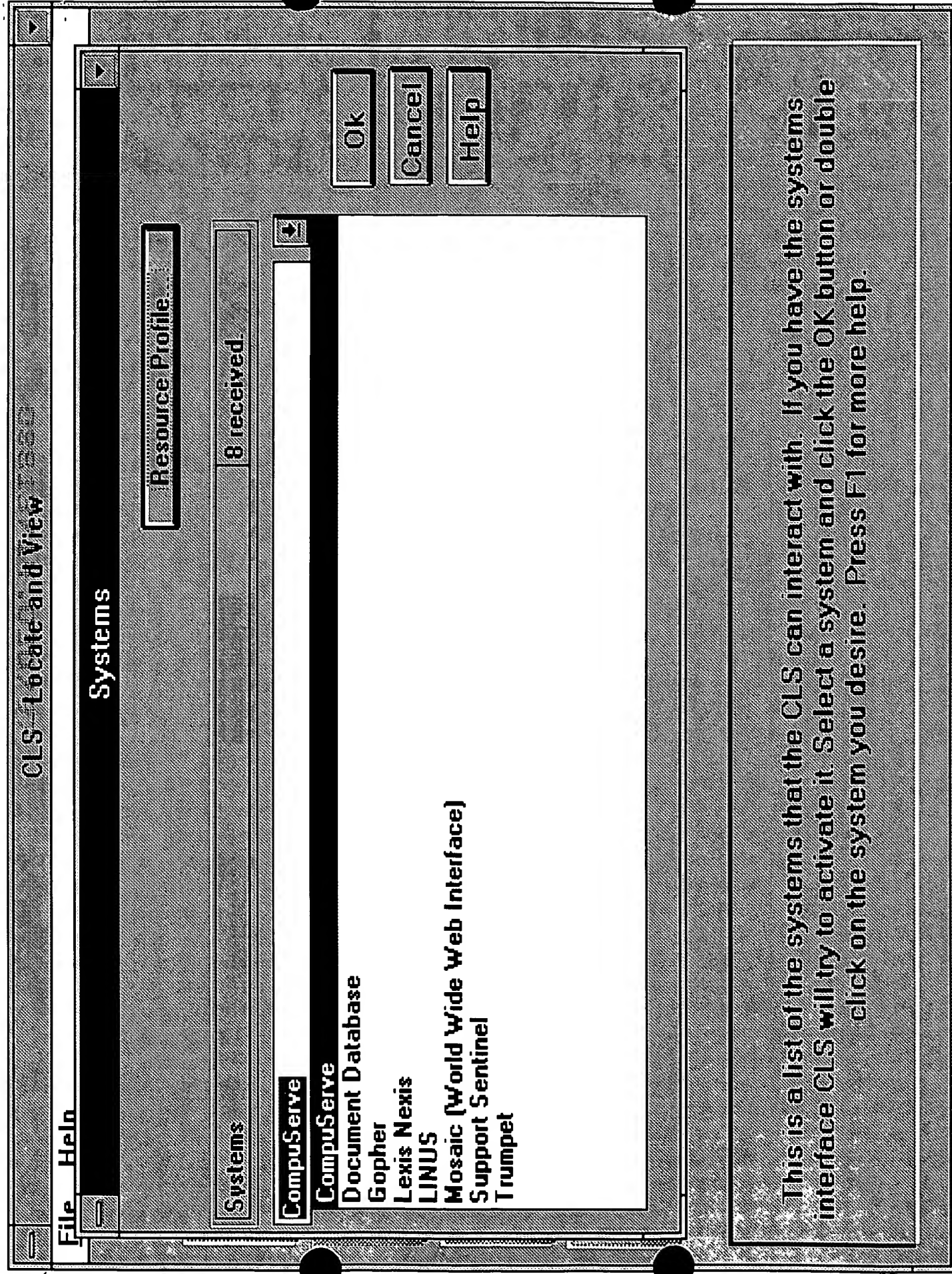
- Saves last search request.



## Back to Previous Screen

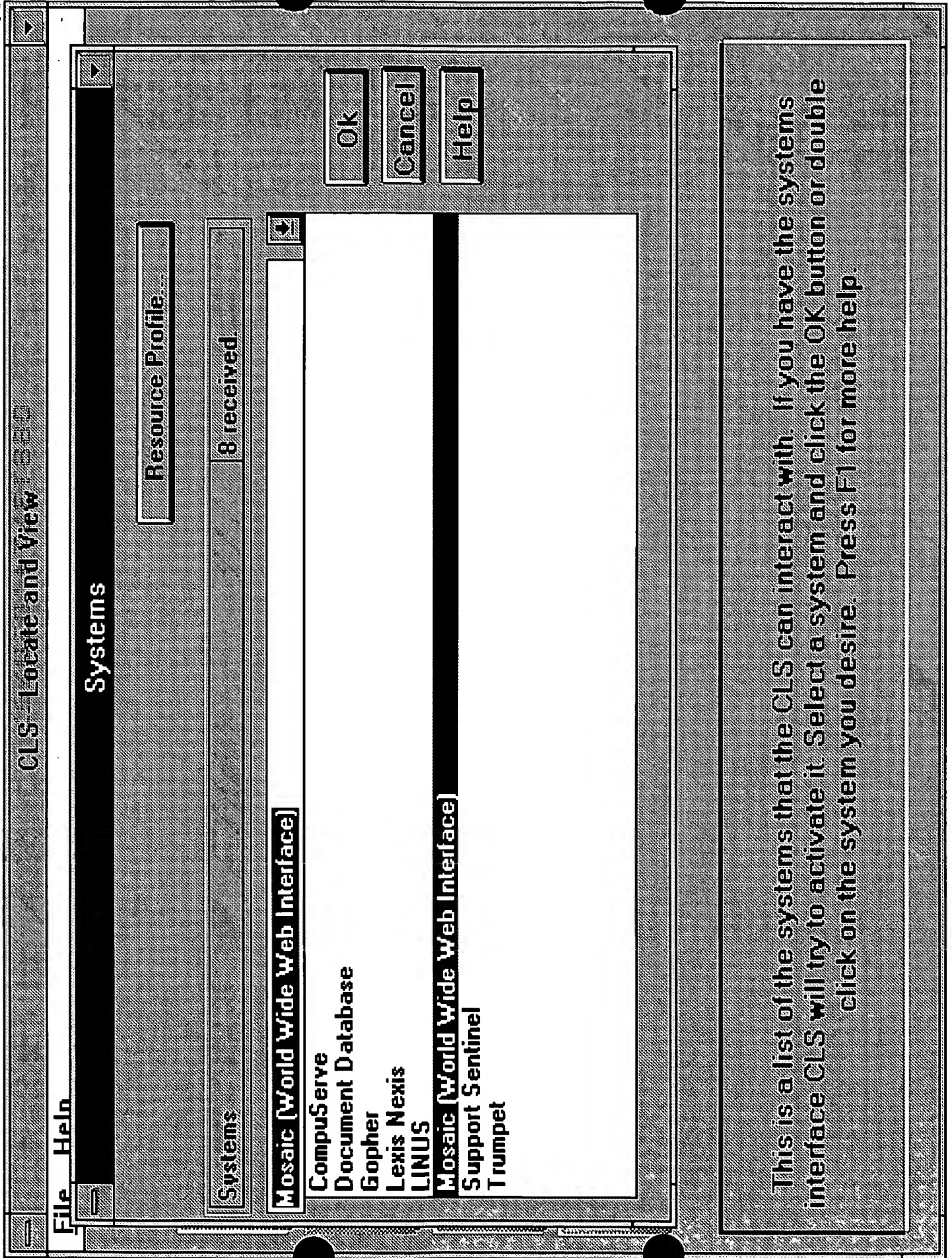
- Close window and return to main

Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.



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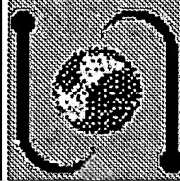


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Document Title: NCRINFO

Document URL: <http://ncrinfo.ncr.com>



# NCR Information Server



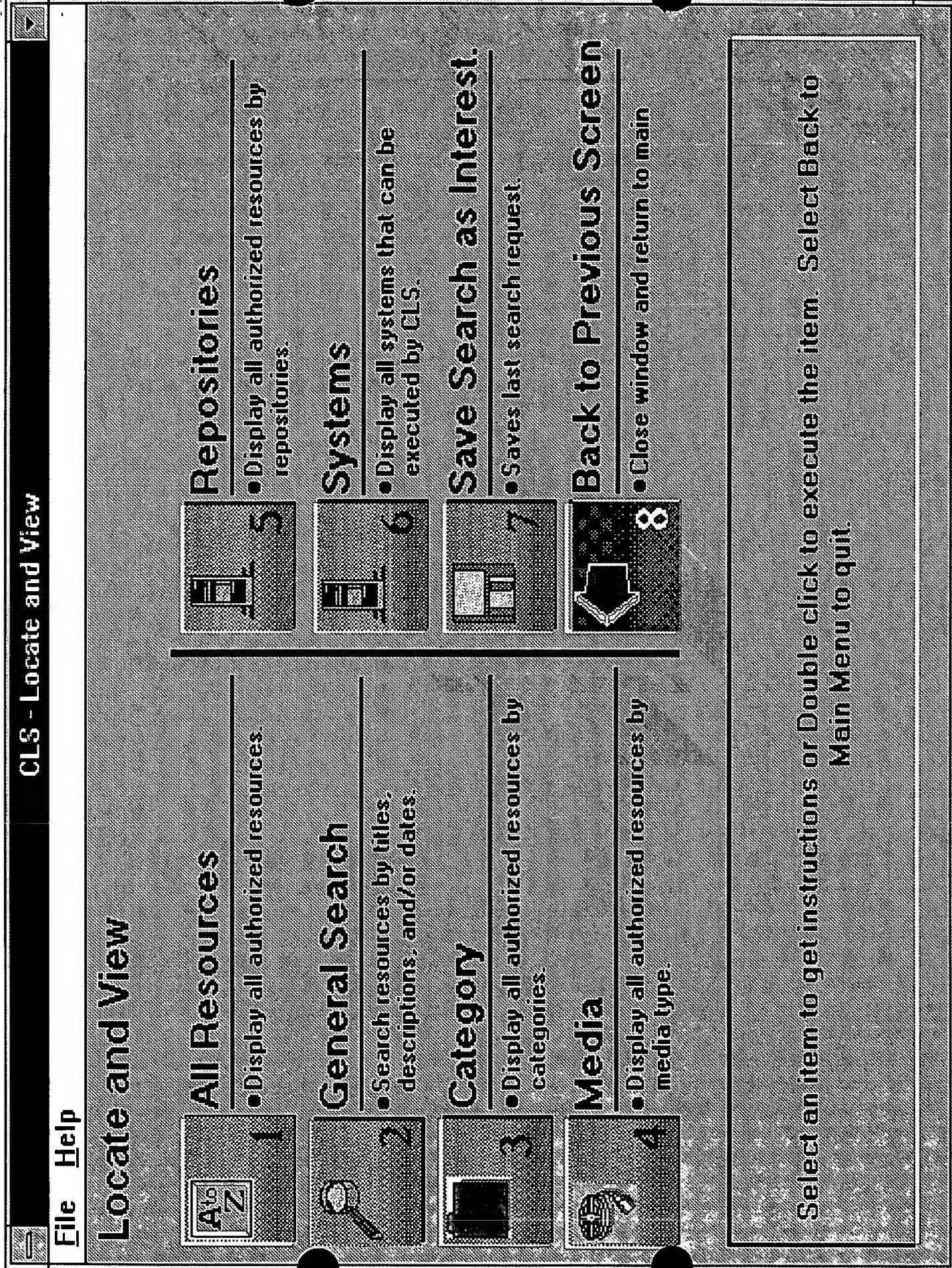
This is the WorldWideWeb view of the server [ncrinfo.ncr.com](http://ncrinfo.ncr.com)

- ◆ [NCR Topics](#)
- ◆ [High Performance Computing and Communications \(US Gov't\)](#)
- ◆ [Other Public Gophers on Computing Topics](#)
- ◆ [All Worldwide Public Gophers](#)
- ◆ [Search All Menus on ncrinfo](#)
- ◆ [About ncrinfo](#)

NUM



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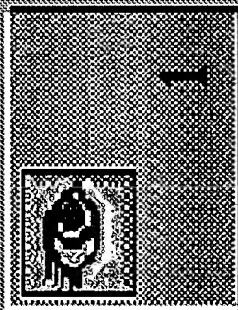


08/217085

Fig. 38

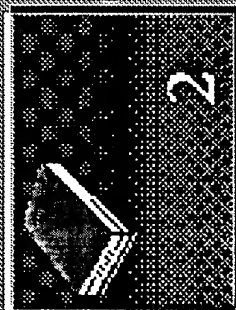


# Continuous Learning System



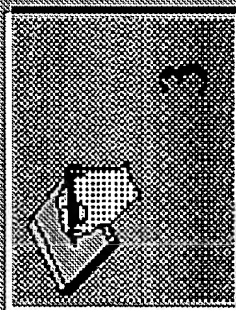
## Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



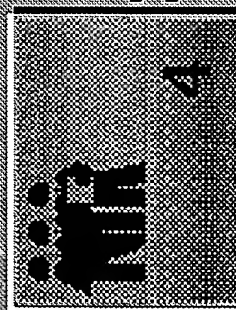
## Provide or Distribute

- Add, edit or delete entries to the Resource Center.



## Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



## Personal Information

- Review your personal profile.
- Change password.

**Session Active.**  
Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.

9 notification(s)

Vickie Cowan

CLS Advisor

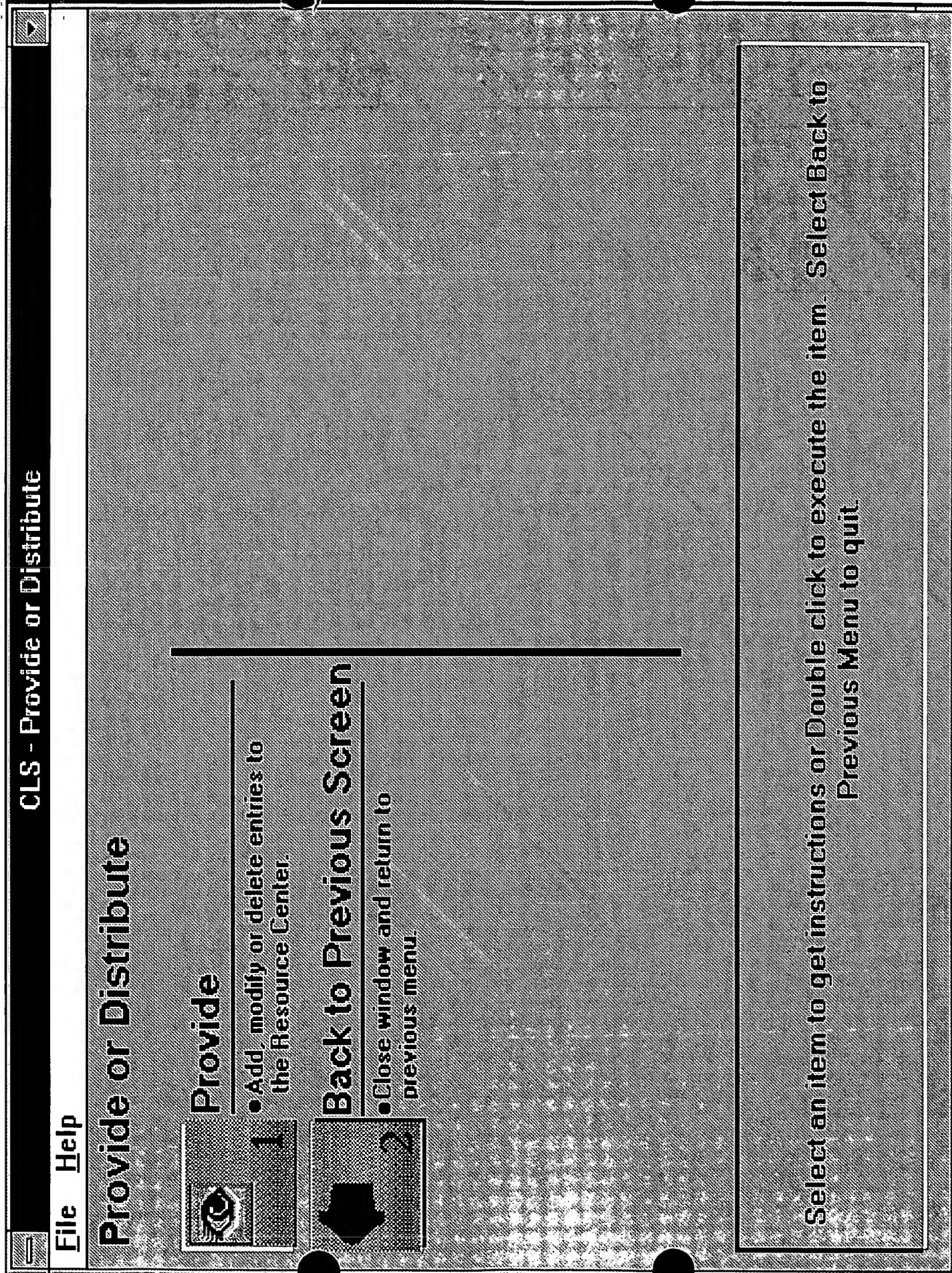
16:55:55

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Fig. 39





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Please select either New, Modify or Cancel.

Fig. 41



Resource Administration

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

OK

Cancel

New

Modify

Delete

Clear All

Help

Please enter new data at this time and click on OK.

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Fig. 42

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# Resource Administration

File Help

Access Level:  
☐ Public  
☐ IPD only  
☐ Team

Resource Title:

Date Added:

Date Updated:

1/1

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Product  
Supplier  
Technology  
Other

Repository:

Partnership  
CORE IP

Resource Description:

CLS-TEAM NOTES

Remarks

OK

Cancel

Reset

Reset

Delete

Clear All

Help

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

Please enter new data at this time and click on OK.

08/217065

Fig. 43



08/8137141

Resource Administration

File

Help

☐ Public

☐ IPD only

☐ Team

Resource Title:

Date Added:

Date Updated:

/ /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Ok

Cancel

Reset

Modify

Delete

Clear All

Help

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap >>

Please enter new data at this time and click on OK.

08/8137141



08/813714



08/13/14

File Help

☐ Public

☐ IPD only

☐ Team

Access Level:

Resource Title:

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

cat.ico

catatoz.ico

clnsign.obr

clnsign1.obr

cls.ini

clshelp.hlp

clsnew.zip

clsxfr.bat

clsxfr.pif

File size: 0

Current Directory: C:\CLNUPDATE

Dir List:  
[-a-]  
[-c-]  
[-m-]  
[-p-]  
[-s-]  
[.]

Edit...

OK

Cancel

Filename: \*.

File size: 0

Current Directory: C:\CLNUPDATE

Dir List:  
[-a-]  
[-c-]  
[-m-]  
[-p-]  
[-s-]  
[.]

Edit...

OK

Cancel

Ok

Cancel

New

Modify

Delete

Clear All

Help

Resource Description:

Remarks

Please enter new data at this time and click on OK.



08/183714

File Help

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Filename: cls1.bmp

File size: 19318

Current Directory: C:\WINDOWS

Dir List:

- [-a-]
- [-c-]
- [-m-]
- [-p-]
- [-s-]
- [.]

Filenames:

- clock.exe
- cls.bmp
- cls.ini
- cls1.bmp**
- clsadmin.grp
- clsdemo.ppt
- clsdisk.doc
- clsicons.bmp
- clsxfr.pif

Edit...

OK

Cancel

Ok

Cancel

Find

Find

Delete

Clear All

Help

Please enter new data at this time and click on OK.



08/813714



# Resource Administration

File Help

Access Level:  
☒ Public  
☐ IPD only  
☐ Team

Resource Title:

CLS - Test resource for training

Date Added:

Date Updated: 1/1

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

\\public\\tab\\test\\test1.txt

Repository:

Continuous Learning System

Resource Description:

Remarks

CLS - TEST RESOURCE FOR TRAINING was successfully added to the CLS database.

OK

Cancel

New

Modify

Delete

Clear All

Help

On-Line

Notepad

McCollum, Tab

Cowan, Vickie

C:\WINDOWS\CLS1.BM

Bitmap >>

Media:

Format:

Point of Contact:

Alternate Administrator:

Continuous Learning System

08/217065

Fig. 49



08/18/80

CLS - Locate and View

File Help

Locate and View

Search

AND @

OR

NOT

Title:

training

AND

Description:

ON

Date:

//

dd/mm/yy

OK

Cancel

Clear

Help

media

4

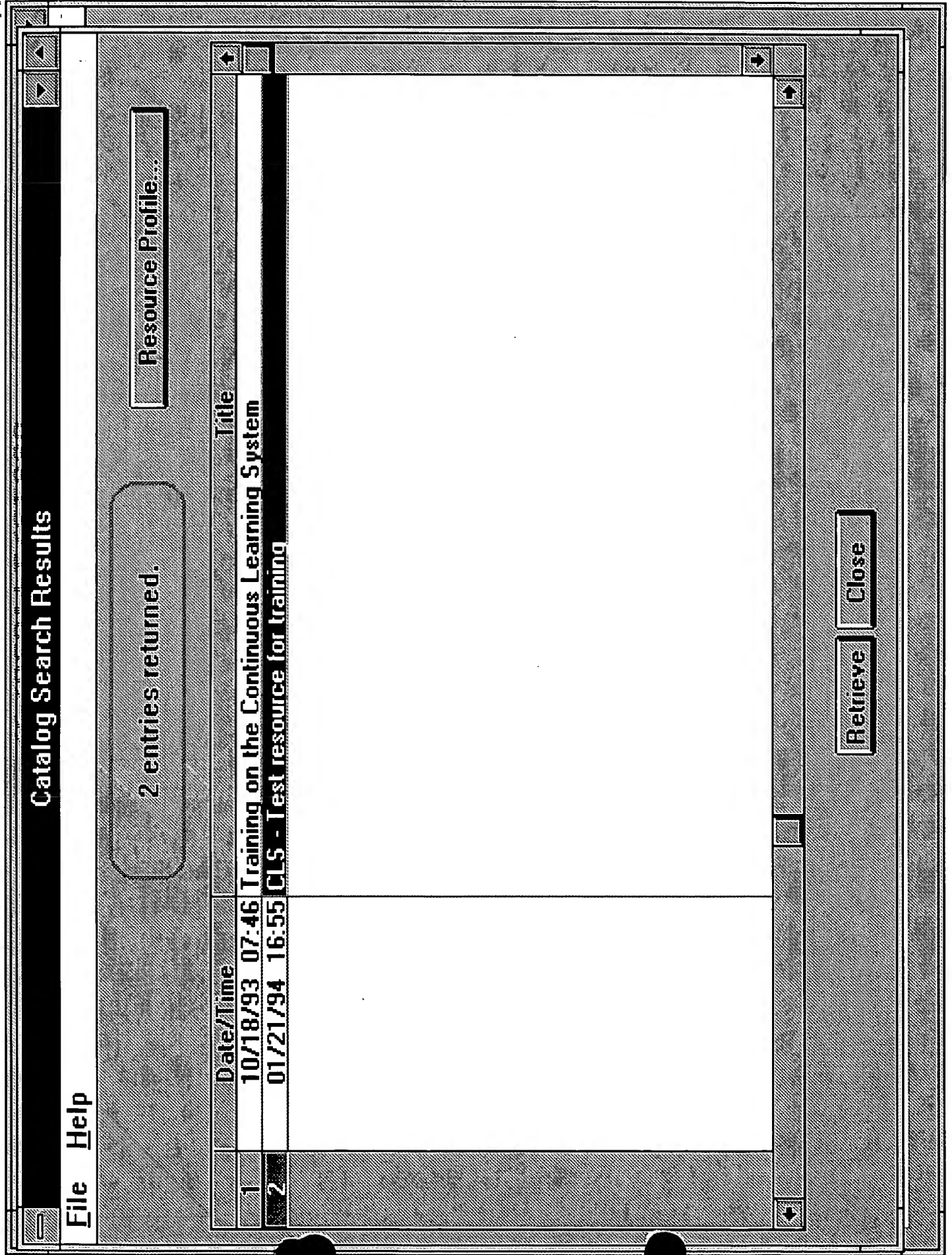
8

BACK TO PREVIOUS SCREEN

• Display all authorized resources by media type.

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.



08/813714



08/13/94

CLS - Test resource for training

File Help

Contact

Tab McCollum

E-Mail

Tab.McCollum@DaytonOH.NCR.COM

Phone

(513) 445-48682

FAX

Added to resource center

21 JAN 94

Resource updated

21 JAN 94

Media Type

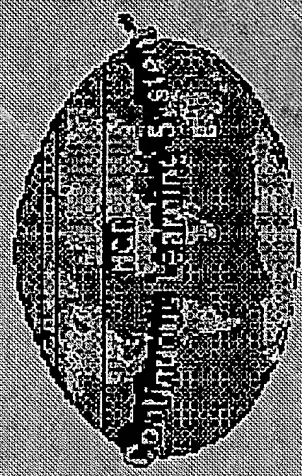
Notepad

Format

On Line

Product ID

Price



Description

Remarks

Retrieve

E-Mail

Fax

Close

08/813714

08/217065

Fig. 53

CLIS - Test resource for training

File Help

Contact

Tab McCollum

E-Mail

Tab.McCollum@DaytonOH.NCR.COM

Phone

(513) 445-48682

FAX

Added to resource center

21 JAN 94

Resource updated

Media Type

Notes

Format

On Li

Product ID

Price

Description

Remarks

?

Unable to mail request. CLS.TXT in the c:\cln\output directory has been created. Do wish to view this file ?

Yes

No

Cancel

Retrieve

E-Mail

Fax

Close



File Edit Search Help

Continuous Learning System Notification

01/21/94 05:03PM

TO: TAB MCCOLLUM

E-Mail: Tab.McCollum@DaytonOH.NCR.COM

FROM: VICKIE COWAN

E-MAIL: vickie.cowan@daytonoh.ncr.com

MAIL DROP: emd-3

PHONE:

LOCATION: dayton, OH

\*\*\*\*\*

VICKIE COWAN would like to obtain information  
on the following subject(s).

-----  
Title: CLS - TEST RESOURCE FOR TRAINING

Please contact the above individual if more information is required.

End Notification.

08/813719

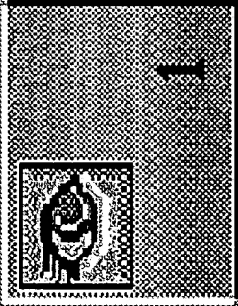
08/217065

Fig. 55

FileOptionsHelp

NCR Continuous Learning System

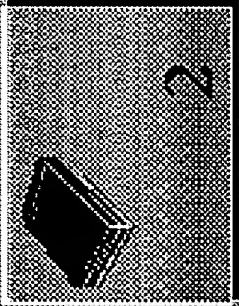
Continuous Learning System



1

Locate and View

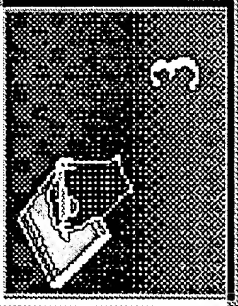
- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



2

Provide or Distribute

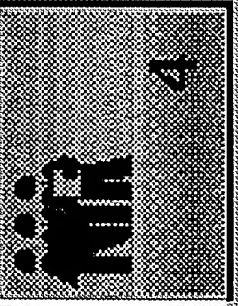
- Add, edit or delete entries to the Resource Center.



3

Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



4

Personal Information

- Review your personal profile.
- Change password.

10 notification(s)

Vickie Cowan

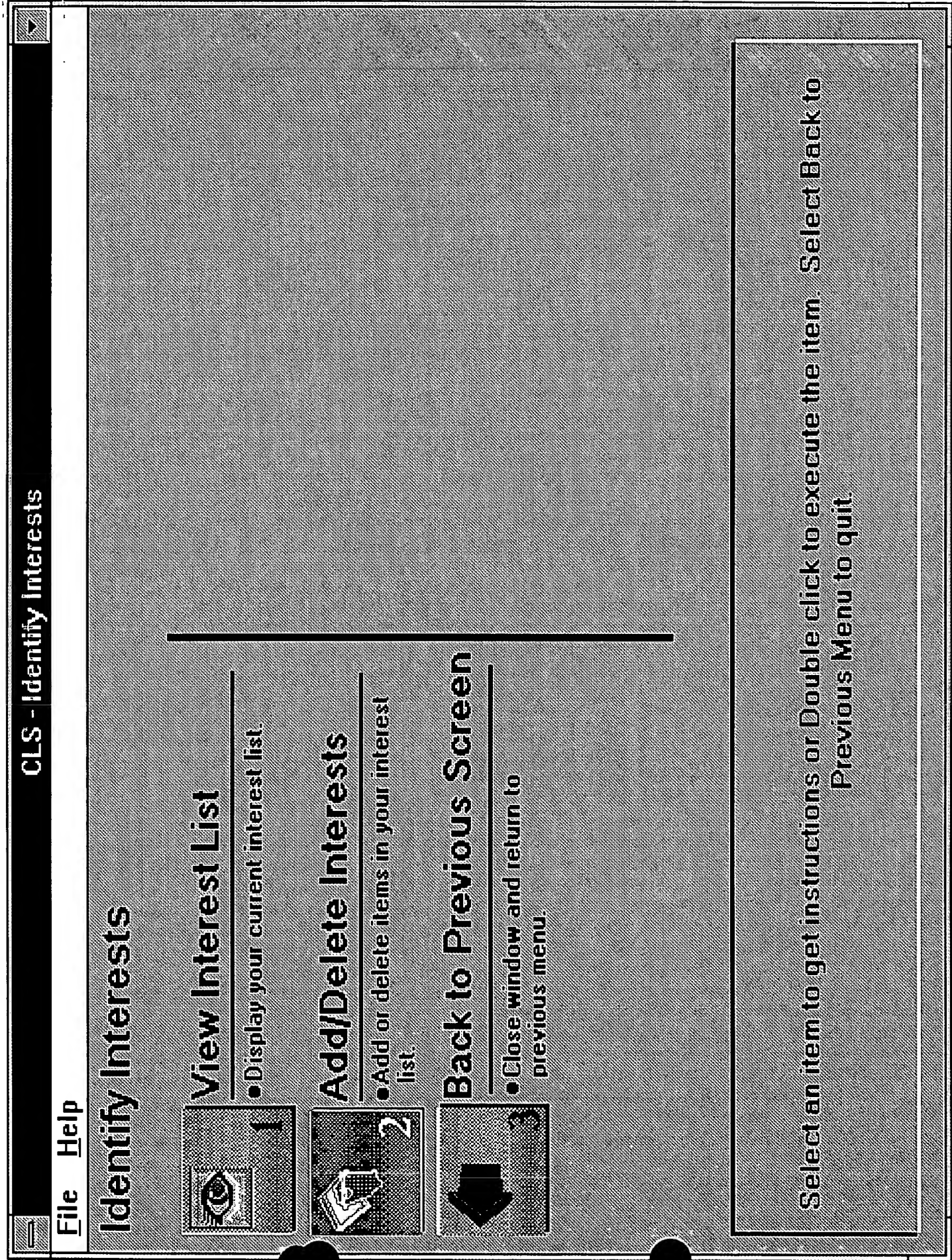
CLS Advisor

17:05:04

Session Active.  
Click on a button for instructions or double click to execute the button.  
You may also select the corresponding number to execute the desired function.

Click on flashing button or depress F8 to view notifications.





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File Help

CLS - Identify Interests ESC

Identify Interests

Interests Administration

File View Help

AND @ OR NOT !

Help

Add

Delete

Clear

Cancel

Enter phrase.

Title:

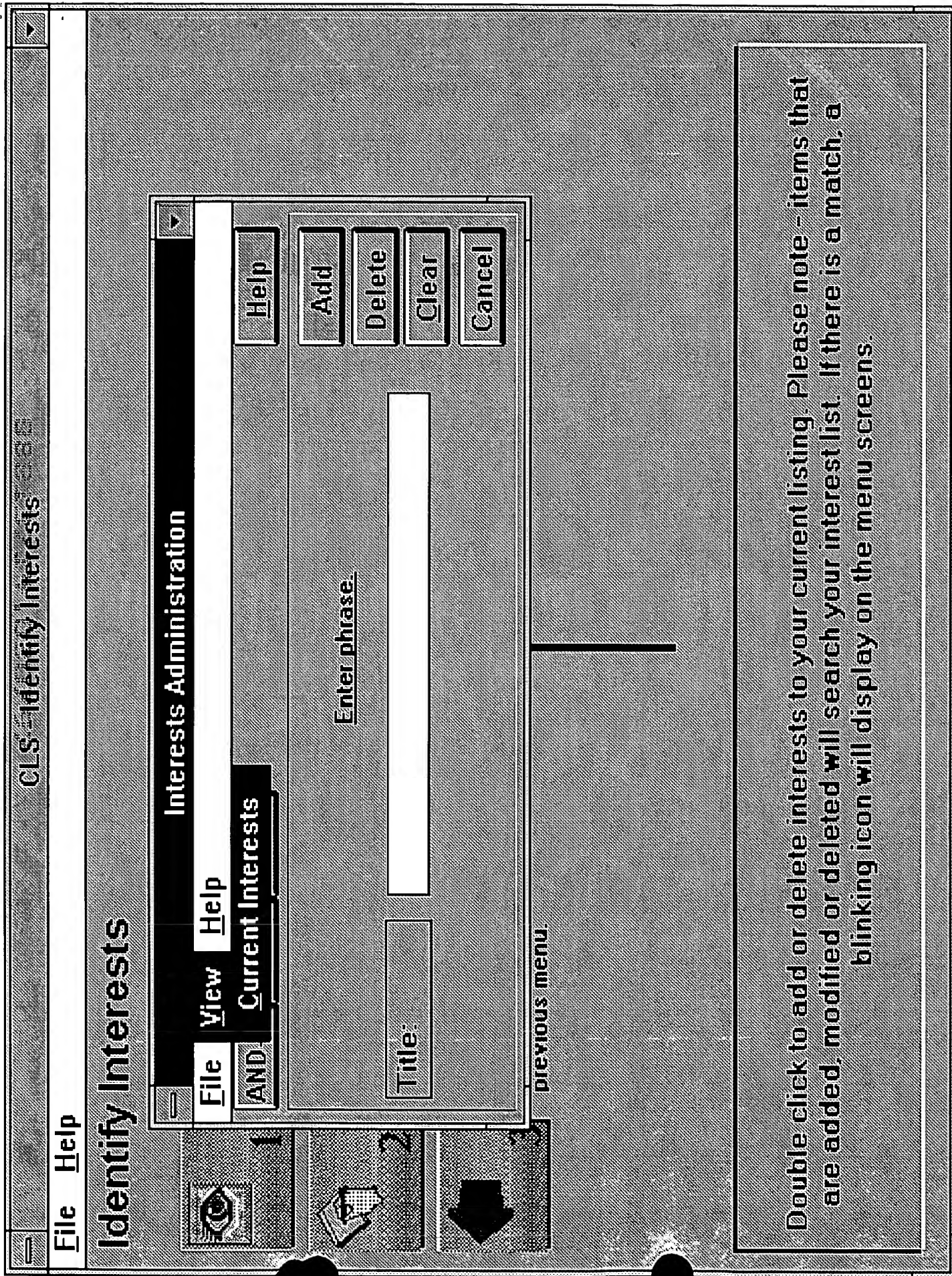
previous menu.

Double click to add or delete interests to your current listing. Please note - items that are added, modified or deleted will search your interest list. If there is a match, a blinking icon will display on the menu screens.

Fig. 57



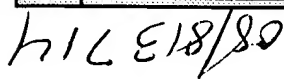
08/18/14



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Fig. 58



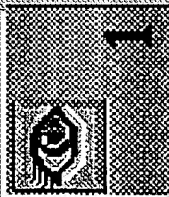




08/813719

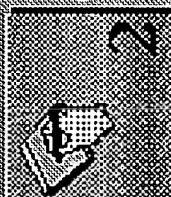
File Help

## Personal Information



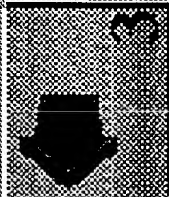
### View Personal Profile

- Display your current personal profile.



### Change Password

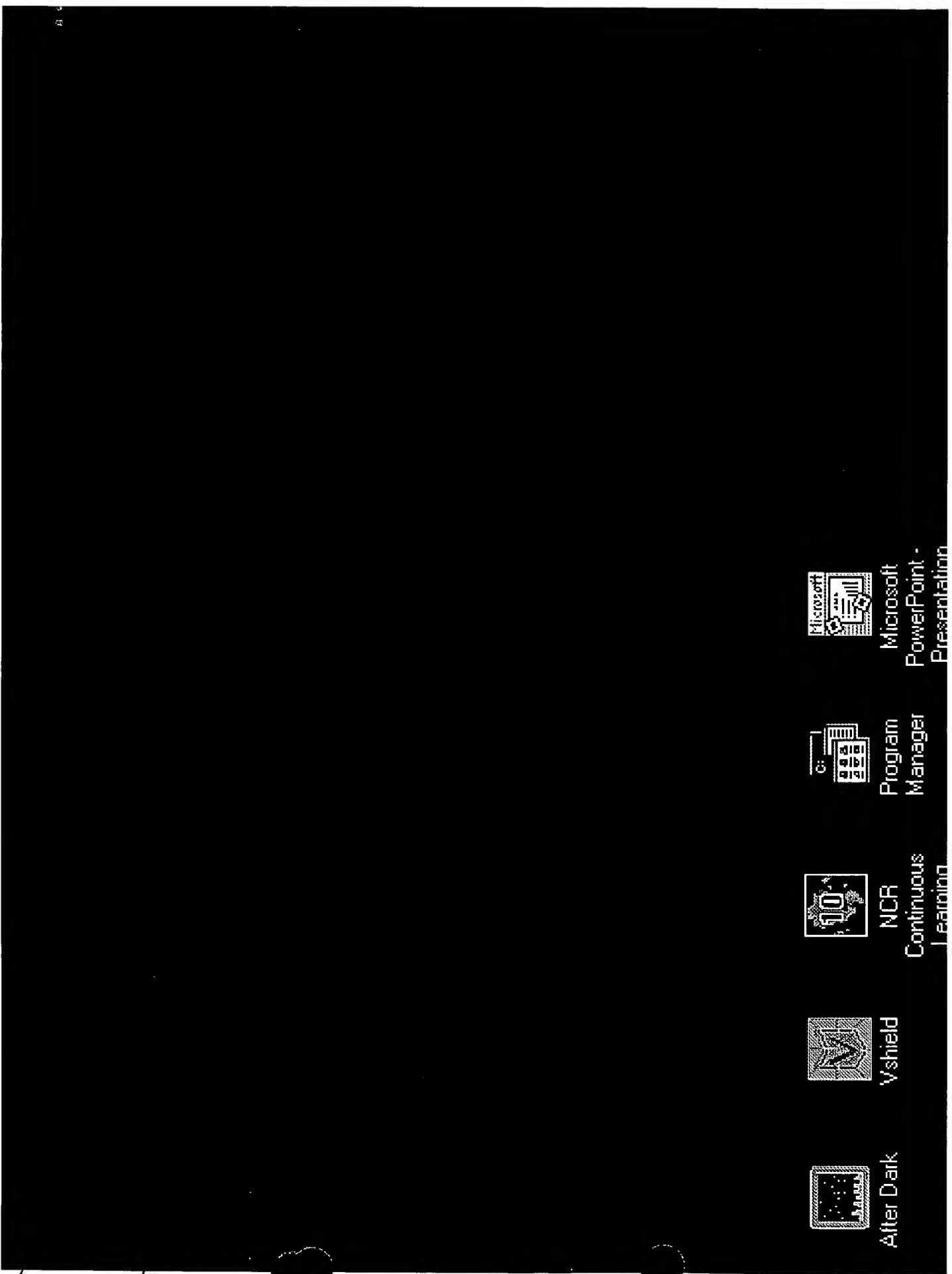
- Change your password to CLS.



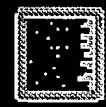
### Back to Previous Screen

- Close window and return to previous menu.

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.



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After Dark



Vshield



NCR  
Continuous  
Learning



Program  
Manager



Microsoft  
PowerPoint -  
Presentation



08/813714

# Catalog Search Results

File Help

Retain Notification ?  
☒ Yes ☐ No

10 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/01/93 20:48	CLS - Sample Log File
2	On Line	12/02/93 13:50	CLS - Pilot Plan
3	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
4	On Line	12/13/93 15:29	CLS - Overview Presentation
5	On Line	12/13/93 15:32	CLS - User Guide
6	On Line	01/05/94 13:38	CLS - Add New User Template
7	On Line	01/07/94 16:10	CLS - Latest version of the CLS application [pkzip]
8	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
9	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read des
10	On Line	01/21/94 16:55	CLS - Test resource for training

10 notification(s) Vickie Cowan

CLS ADVISOR 17:08:26

Retrieve Close

08/13 714

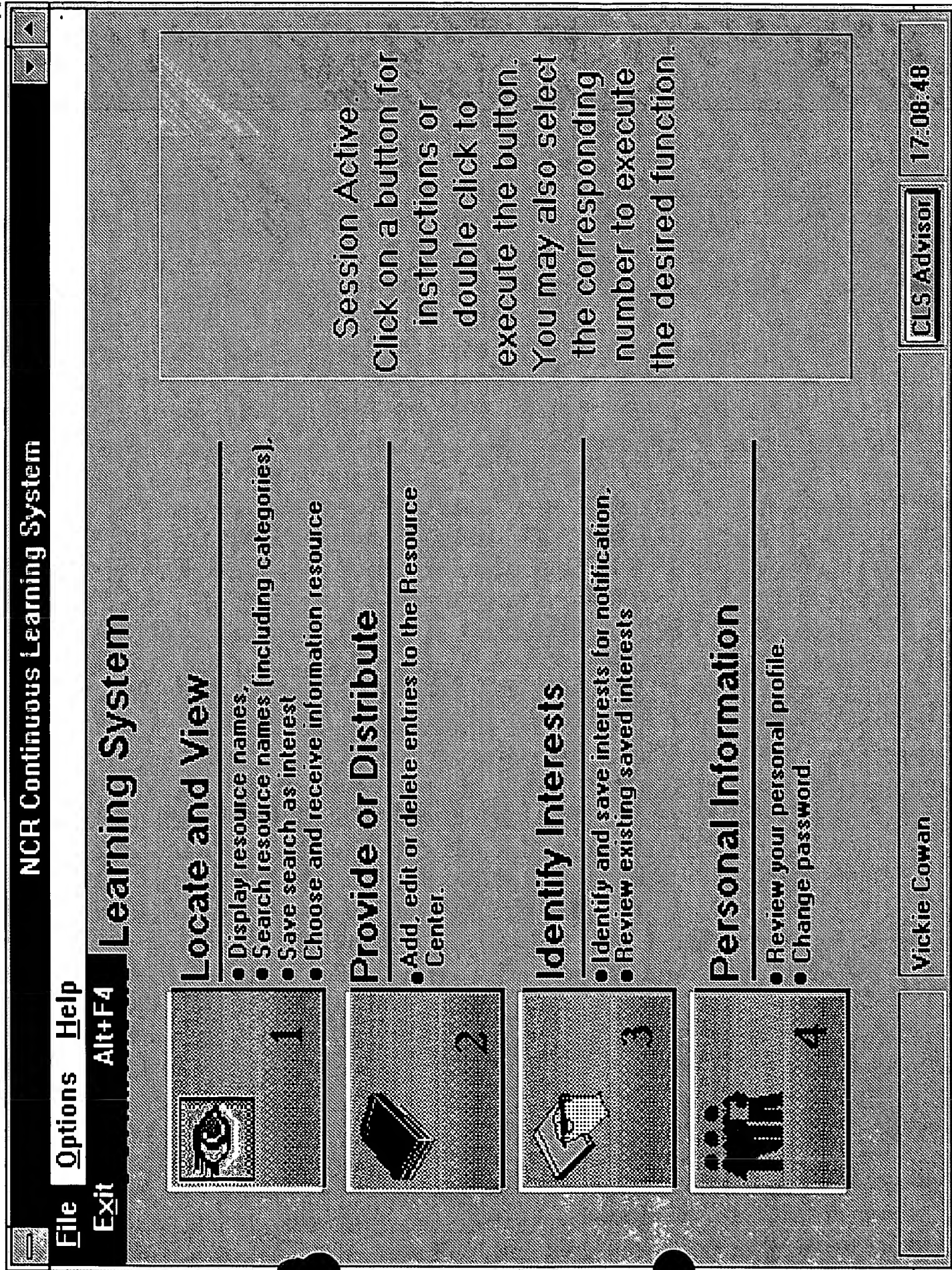
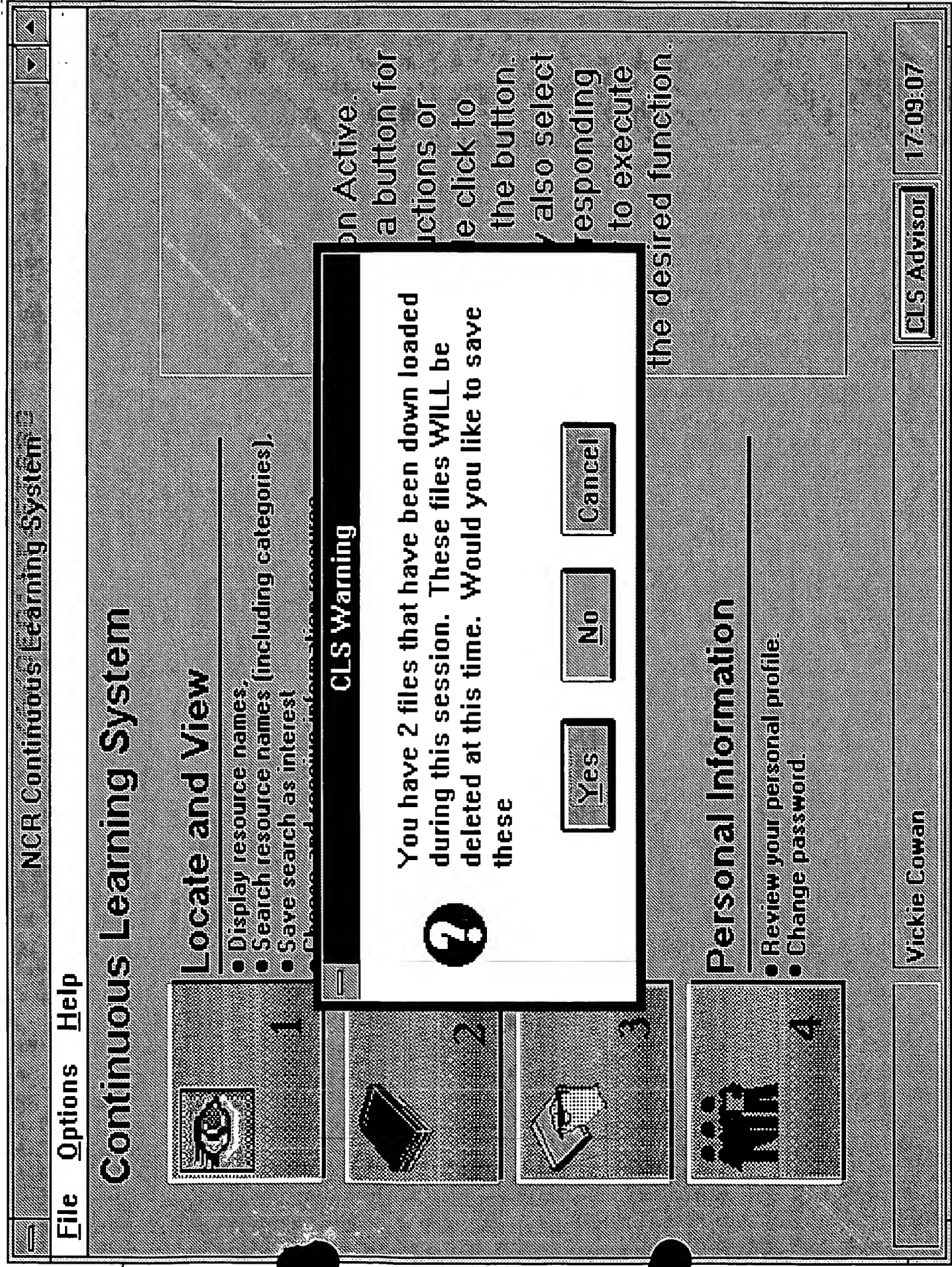
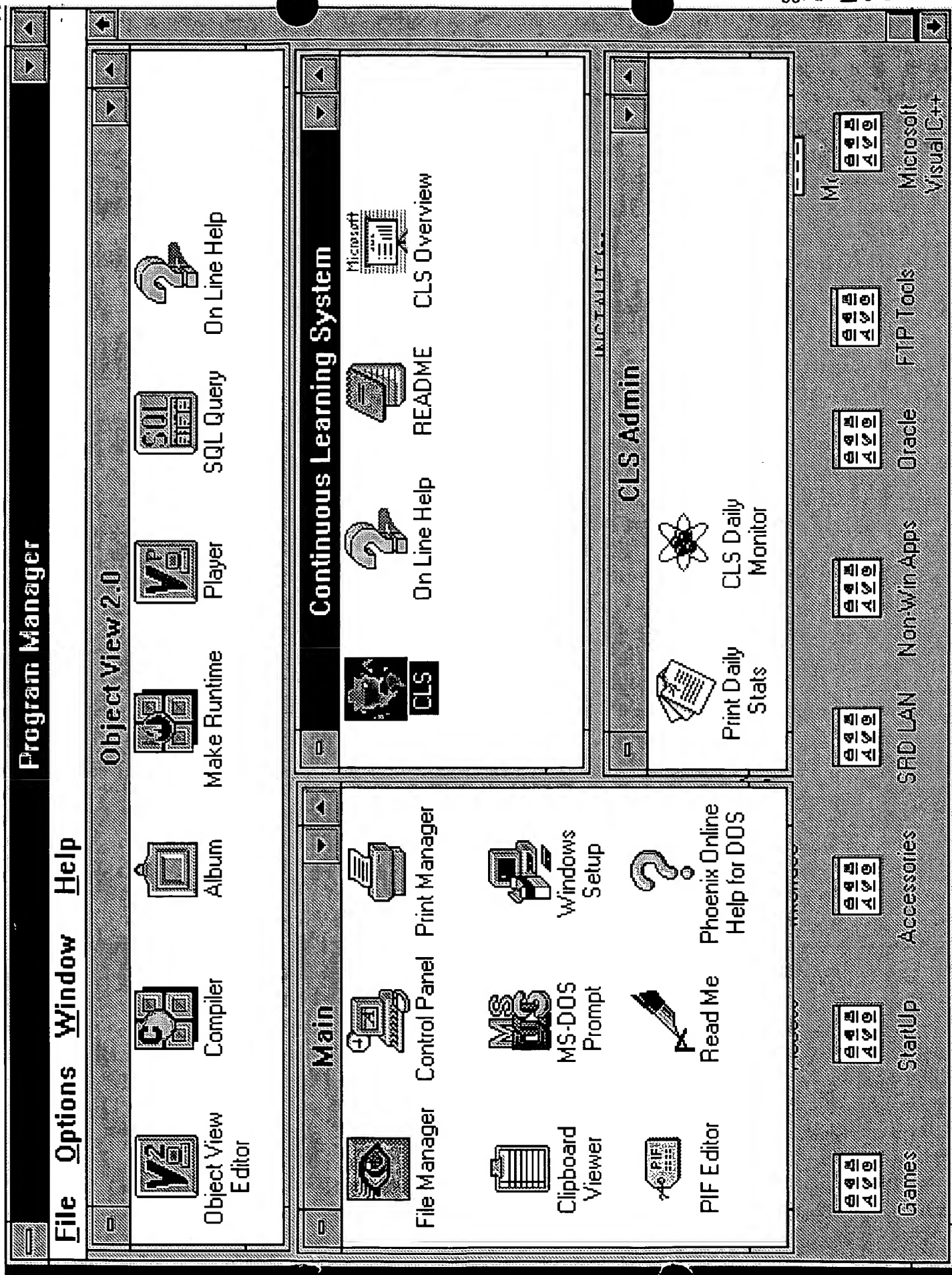


Fig. 63



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**The next few slides deal with the TEAM security of CLS.**

**Only Information Administrators can create, modify or**

**delete new teams. Once a team has been assigned to a**

**user , the user can assign resources to that particular team**

**and only those members will see the resource. We have**

**tried to depict a small scenario to give you a better feel**

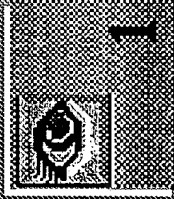
**for TEAMS. An information administrator has been logged**

**on to show this illustration.**

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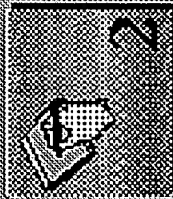
Fig. 66

## Provide or Distribute



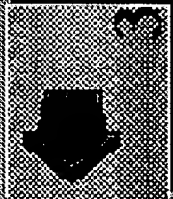
### Provide

- Add, modify or delete entries to the Resource Center.



### Membership

- Add, modify or delete members to CLS and teams.



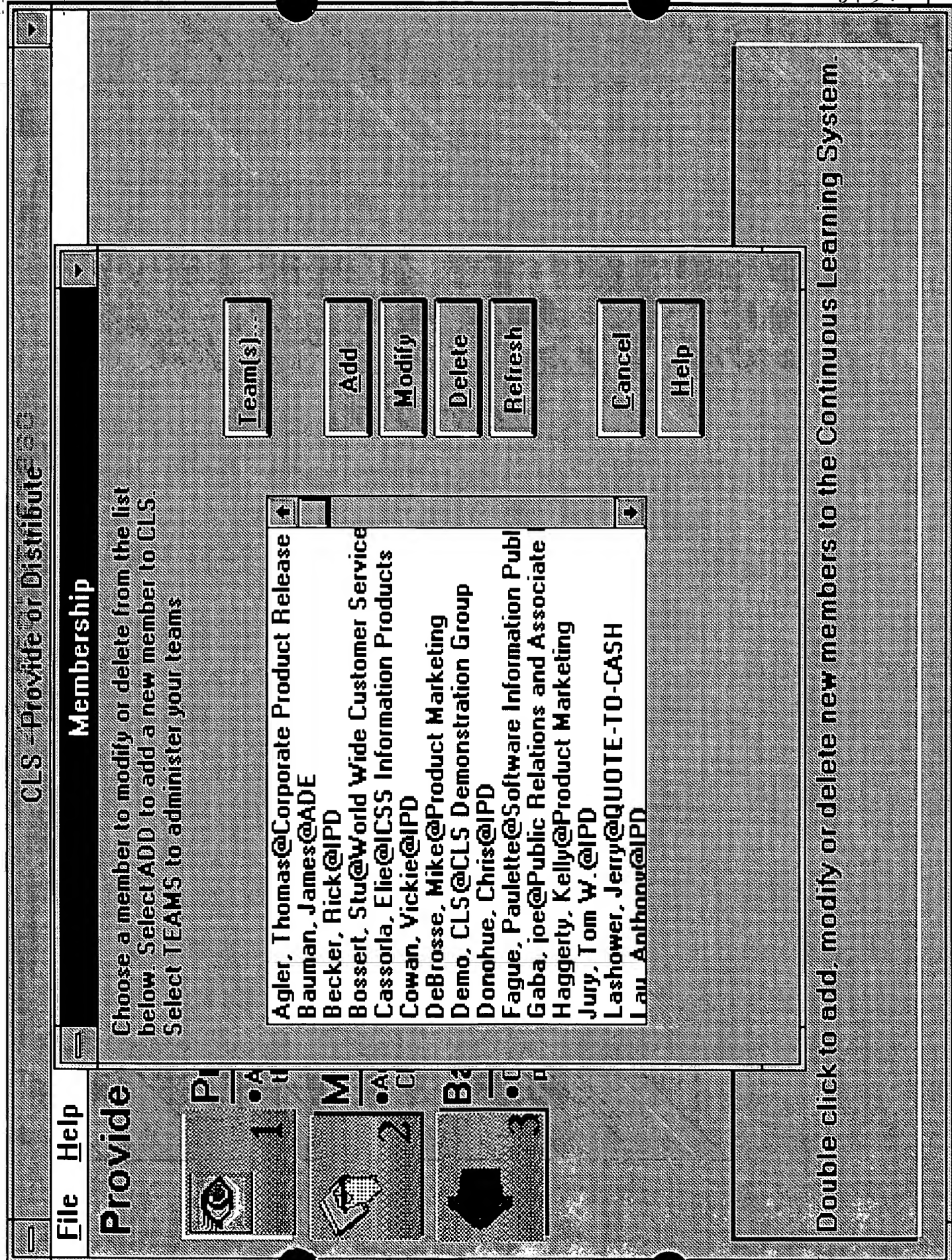
### Back to Previous Screen

- Close window and return to previous menu.

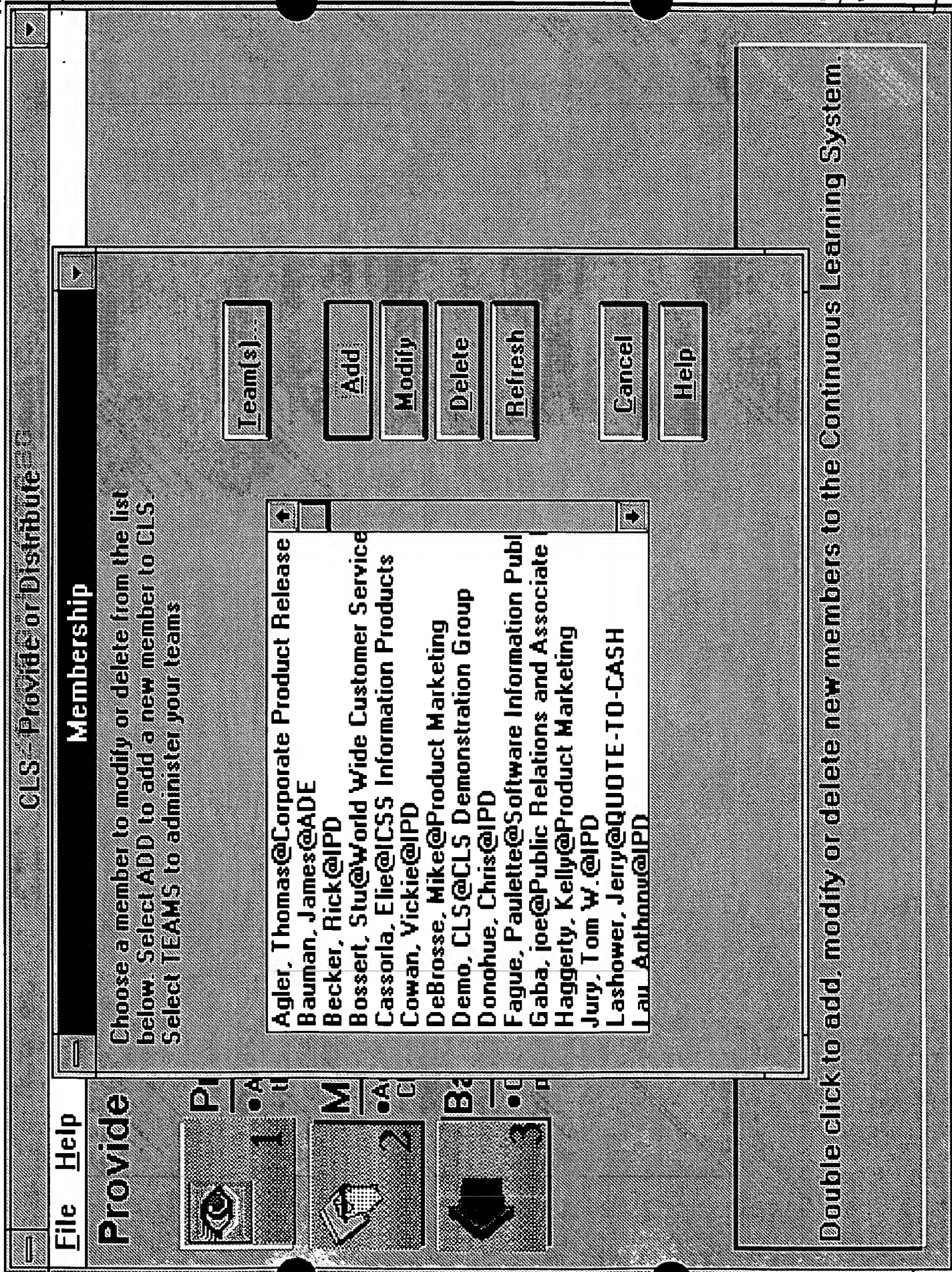
Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.

217055  
813714









08/217055  
8/3714

Fig. 69



CLS - Provide or Distribute

CLS User Administration

User ID: 272	Zip Code:	SIP Customer Number
Last Name:	FRC Number:	
First Name:	ACCT Number:	
E-MAIL Address:	Phone Number:	Reset User Password
Mail Drop:	Date Added:	Help
City:	Date Updated:	Ok
State:	Type of User:	Cancel
Country:	User Environment:	
Title:	CLS Login:	

Double click to add, modify or delete new members to the Continuous Learning System.



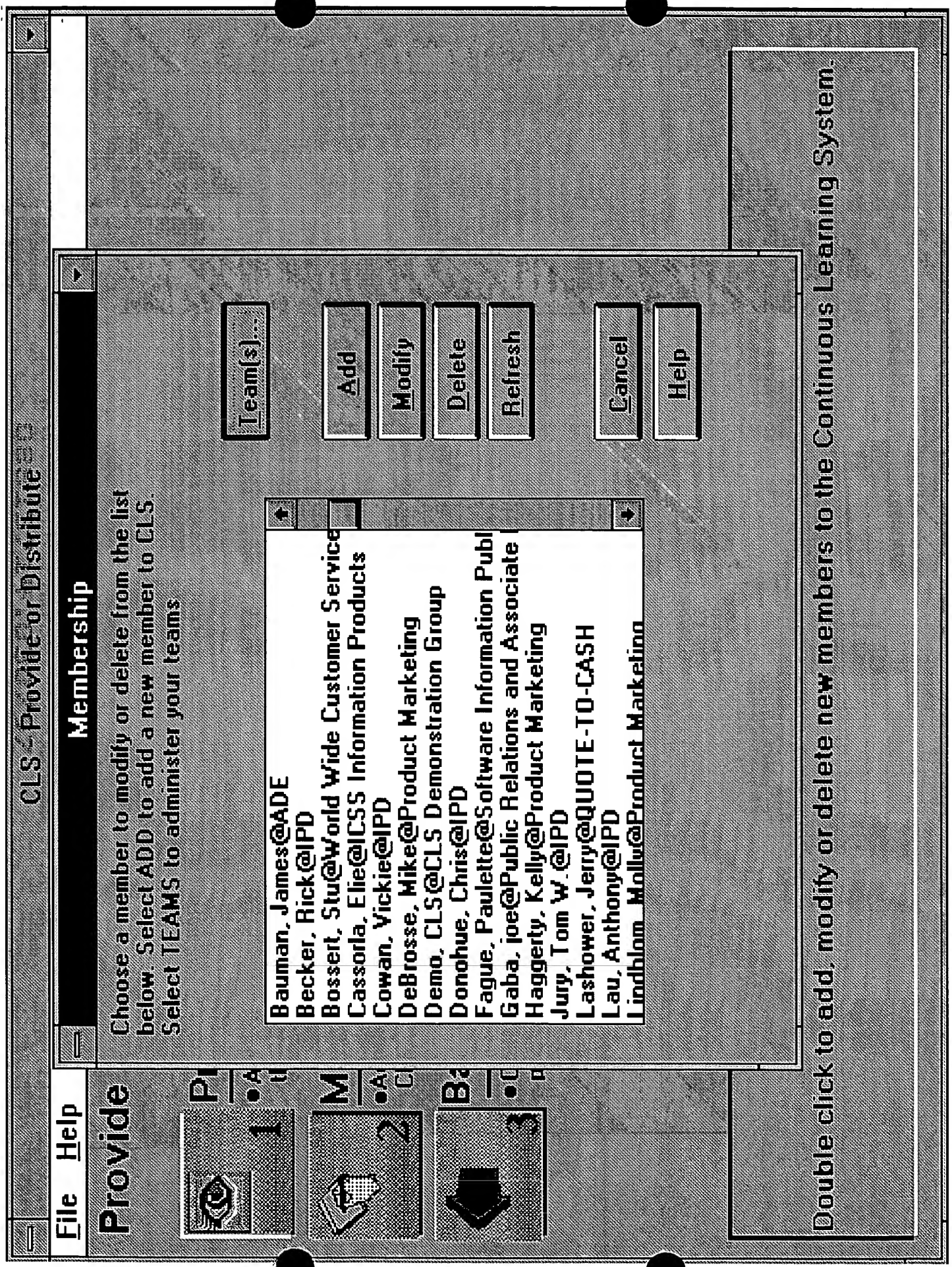


Fig. 71



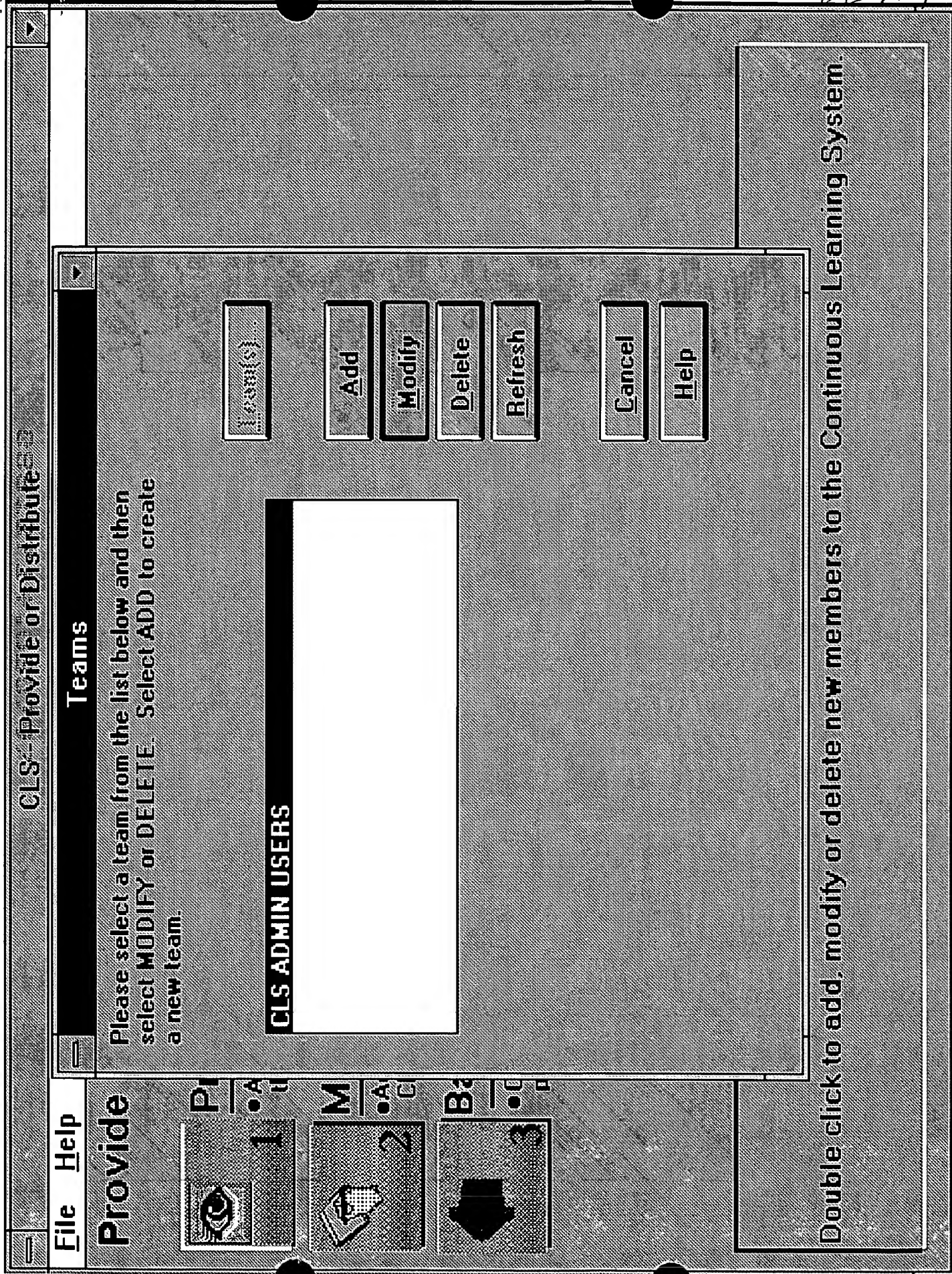
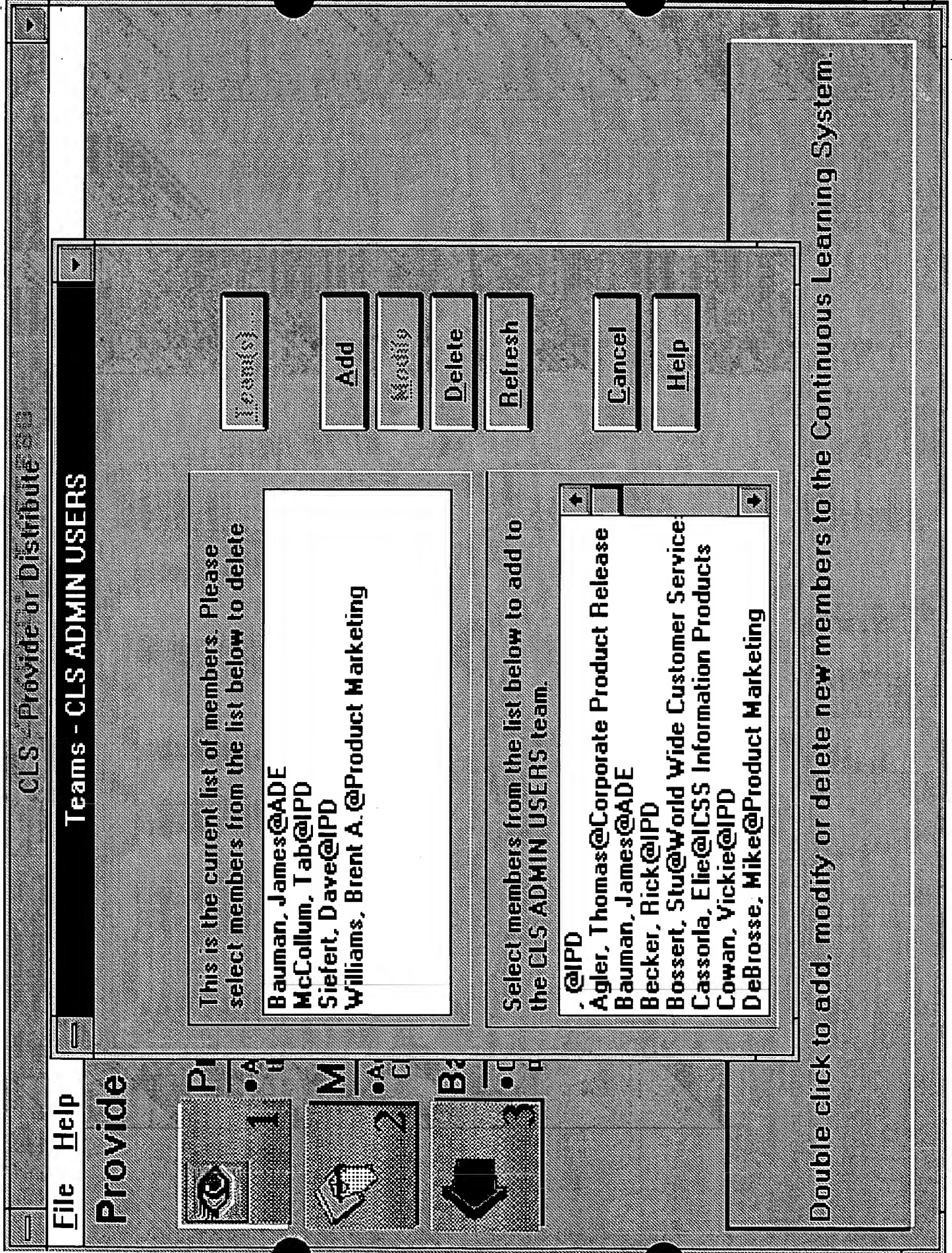


Fig. 72





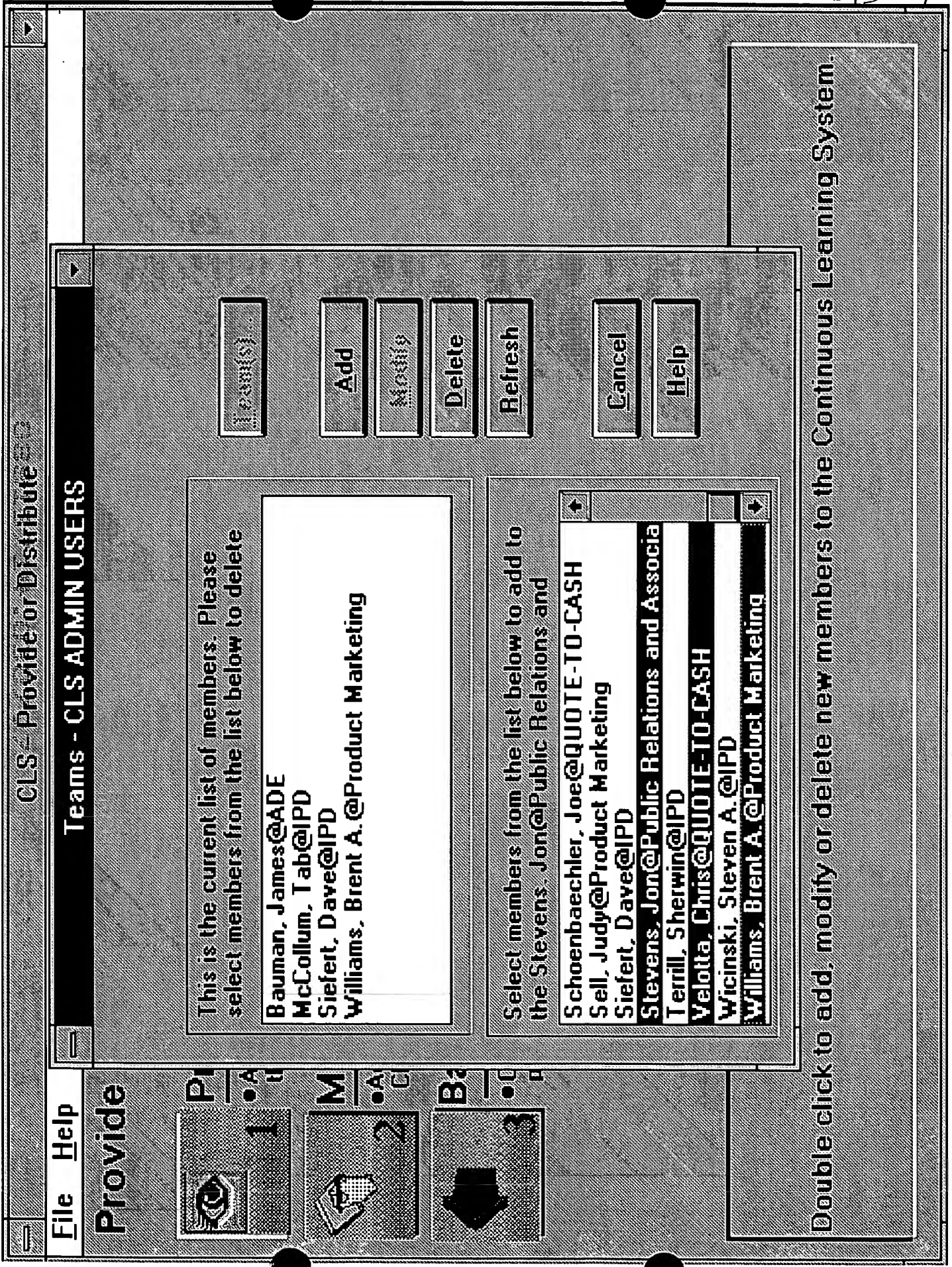
08/217065  
813714

Fig. 73

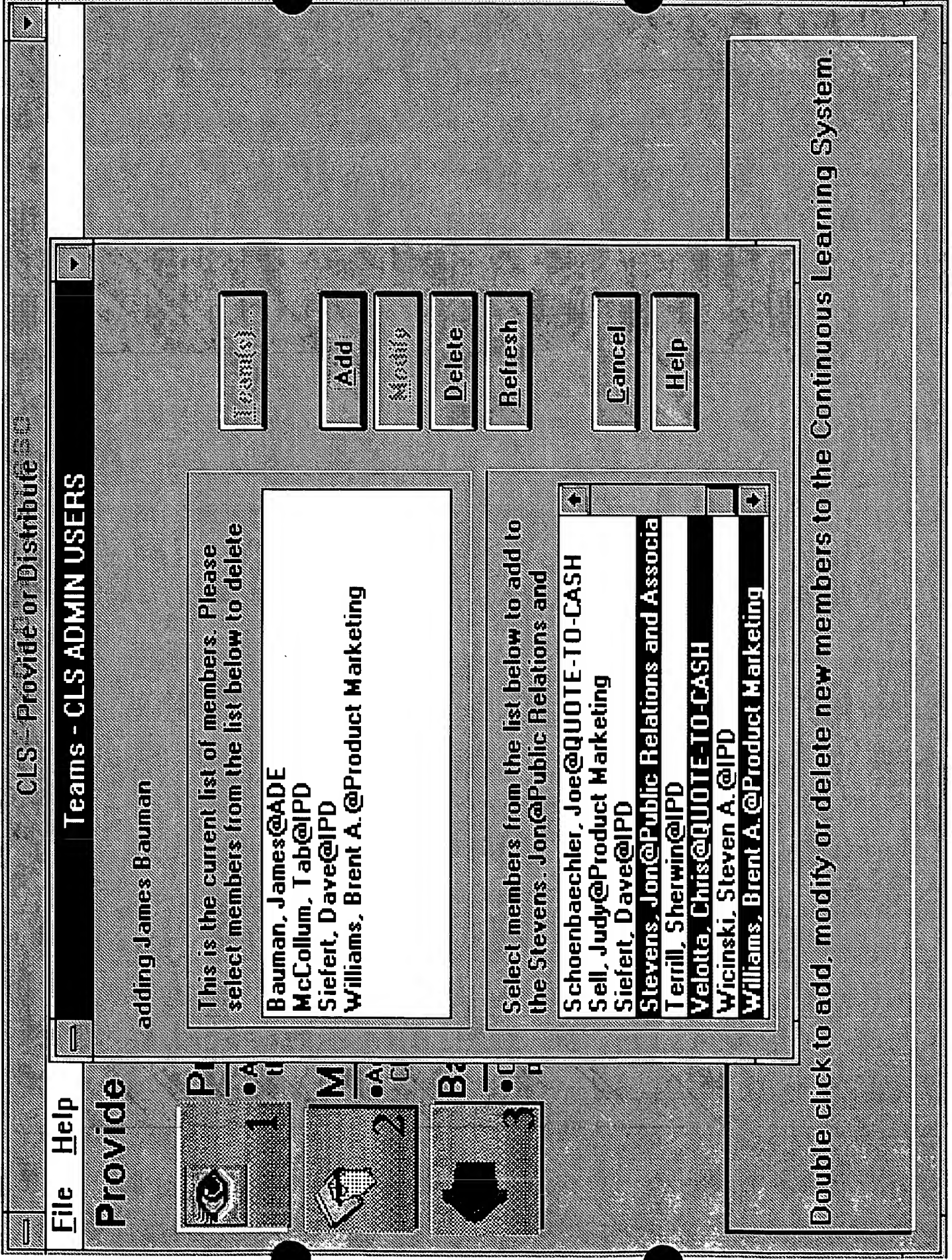


217065  
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Fig. 74

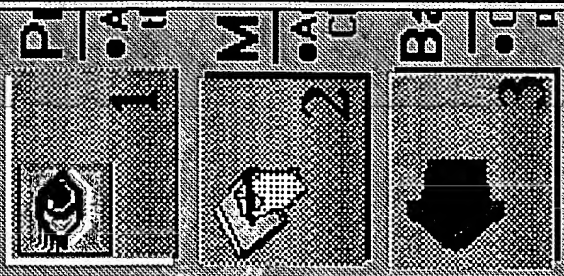






File Help

Provide



CLs - Provide or Distribute

Teams - CLS ADMIN USERS

adding James Bauman

This is the current list of members. Please select members from the list below to delete

- Bauman, James@ADE
- McCollum, Tab@IPD
- Siefert, Dave@IPD
- Williams, Brent A. @Product Marketing

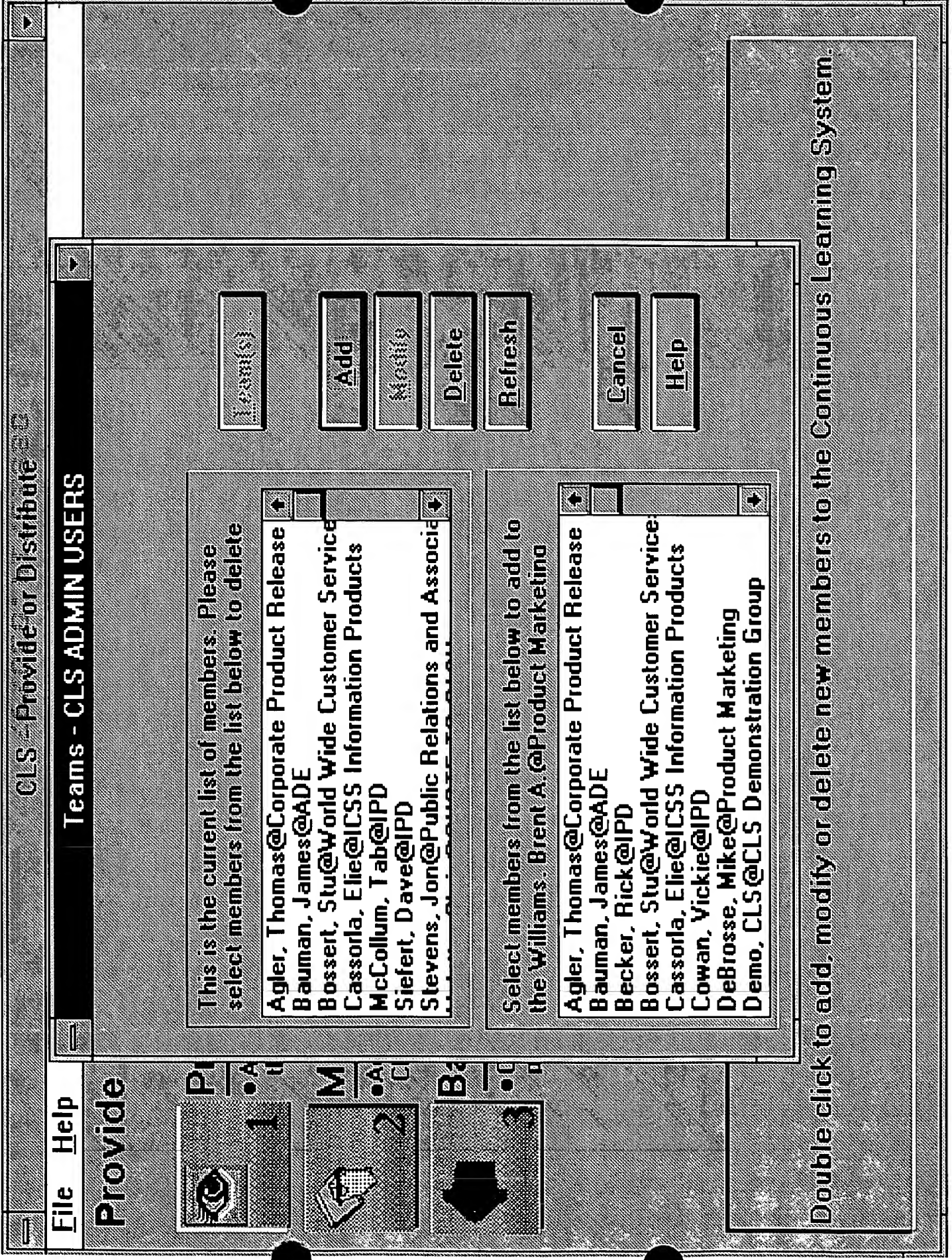
Select members from the list below to add to the Stevens. Jon@Public Relations and

- Schoenbaechler, Joe@QUOTE-TO-CASH
- Sell, Judy@Product Marketing
- Siefert, Dave@IPD
- Stevens, Jon@Public Relations and Associa
- Terrill, Sherwin@IPD
- Velotta, Chris@QUOTE-TO-CASH
- Wcinski, Steven A. @IPD
- Williams, Brent A. @Product Marketing

Teams(s)  
Add  
Modify  
Delete  
Refresh  
Cancel  
Help

Double click to add, modify or delete new members to the Continuous Learning System.







File Help

Access Level:  
☐ Public  
☐ IPD only  
☒ Team

CLS ADMIN USERS  
CLS TEST TEAM

Resource Title:

CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Date Added:

Date Updated: 7 /

Product ID:

Media:

On Line

Cost:

Format:

Microsoft Word

Price:

Point of Contact:

McCollum, Tab

Information Category:

General

Alternate Administrator:

Siefert, Dave

Information Filename:

\\team\\secur.doc

Bitmap &gt;&gt;

Repository:

Continuous Learning System

Resource description cannot exceed 255 characters.

82

Resource Description:

This is a test resource entry to check the security validation in the TEAM concept

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

New

Modify

Delete

Clear All

Help

8/37/41  
08/217065

Fig. 77



File Help

Access Level:

☐ Public

☐ IPD only

☒ CLS ADMIN USERS

Resource Title:

CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Date Added:

Date Updated: / /

Product ID:

Cost:

Price:

Information Category:

General

Information Filename:

\\team\secur.doc

Repository:

Continuous Learning System

Media:

On Line

Format:

Microsoft Word

Point of Contact:

McCollum, Tab

Alternate Administrator:

Siefert, Dave

Bitmap >>

Resource Description:

This is a test resource entry to check the security validation in the TEAM concept

Remarks

Please enter new data at this time and click on OK.

OK

Cancel

Now

Next

Delete

Clear All

Help

8/37/94  
217065

Fig. 78

## Catalog Search Results

File Help

21 entries returned.

Resource Profile...

	Media	Date/Time	Title
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/11/93 13:22	CLS - CLS Project Plan
9	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug 93
10	On Line	11/16/93 08:24	CLS - New CLS application for pilot test in France.
11	On Line	12/01/93 20:48	CLS - Sample Log File
12	On Line	12/02/93 13:50	CLS - Pilot Plan
13	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
14	On Line	12/13/93 15:29	CLS - Overview Presentation
15	On Line	12/13/93 15:32	CLS - User Guide
16	On Line	01/05/94 13:38	CLS - Add New User Template
17	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
18	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
19	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. (Please read des
20	On Line	01/21/94 16:55	CLS - Test resource for training
21	On Line	01/24/94 13:39	CONFIDENTIAL REPORT ON CLS SECURITY REQUIREME

Retrieve

Close



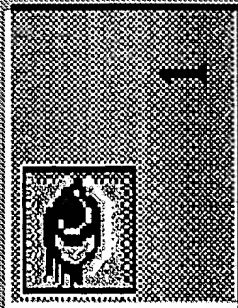
2008 11 14 10:00

Next few slides show another user named VCOWAN logged in who is not assigned to the CLS ADMIN USERS team to show that the new resource can only be seen by those persons selected earlier.

08/217065  
813714

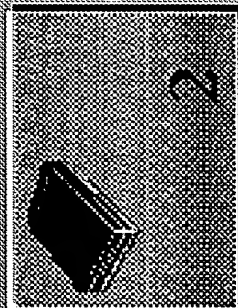
Fig. 80

## Continuous Learning System



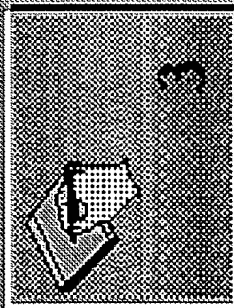
### Locate and View

- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource



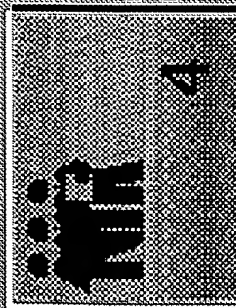
### Provide or Distribute

- Add, edit or delete entries to the Resource Center.



### Identify Interests

- Identify and save interests for notification.
- Review existing saved interests



### Personal Information

- Review your personal profile.
- Change password.

### Session Active.

Click on a button for instructions or double click to execute the button.

You may also select the corresponding number to execute the desired function.

Vickie Cowan

CLS Advisor

13:53:16

813214  
08/217065  
Fig. 81



CLS Locate and View

File Help

Locate

File Help

Search

AND@

OR

NOT!

Title:

cls

AND

Description:

ON

Date:

//

dd/mm/yy

Ok

Cancel

Clear

Help

media

4

8

BACK TO PREVIOUS SCREEN

● Display all authorized resources by media type.

● Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

2170651  
8/37/4  
Fig. 825

# Catalog Search Results

File Help

18 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	10/18/93 07:46	CLS - Status Report dated 5 Aug 93 CLS developers comm
2	On Line	10/18/93 07:46	CLS - Untangling the Windows Sockets API - a standardize
3	On Line	10/18/93 07:46	CLS - Sample windows source code for windows Socket AP
4	Other	10/18/93 09:51	Test of NCR user providing information to the CLS
5	On Line	10/20/93 17:00	CLS- PKUNZIP for CLS application
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug
9	On Line	12/01/93 20:48	CLS - Sample Log File
10	On Line	12/02/93 13:50	CLS - Pilot Plan
11	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
12	On Line	12/13/93 15:29	CLS - Overview Presentation
13	On Line	12/13/93 15:32	CLS - User Guide
14	On Line	01/05/94 13:38	CLS - Add New User Template
15	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
16	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
17	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read des
18	On Line	01/21/94 16:55	CLS - Test resource for training

Retrieve

Close

217065  
813714  
Fig. 835



From screen  
"Logon"

From screens  
"Locate & View"  
"Provide or Distribute"  
"Identify Interests"  
"Personal Information"

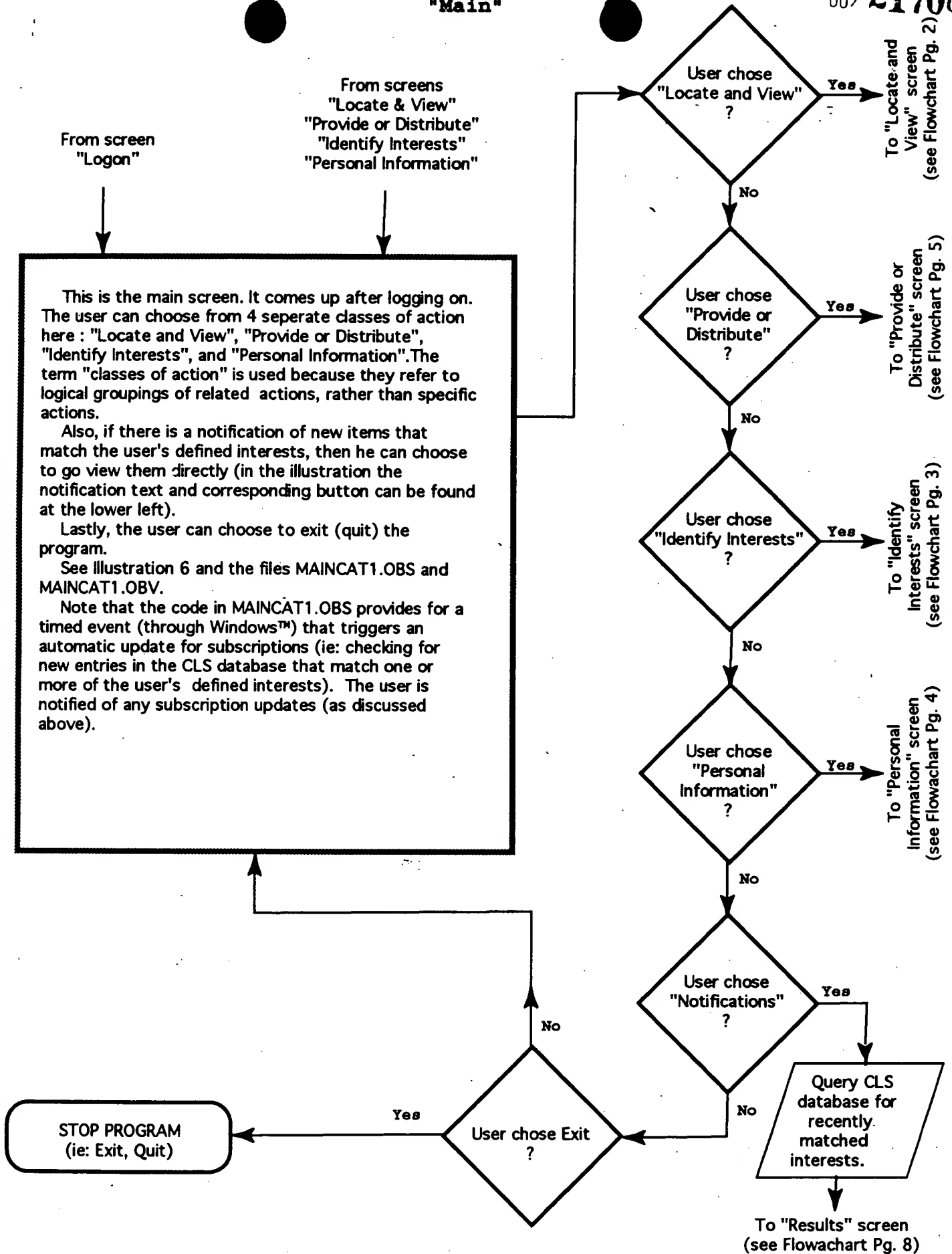
This is the main screen. It comes up after logging on. The user can choose from 4 separate classes of action here: "Locate and View", "Provide or Distribute", "Identify Interests", and "Personal Information". The term "classes of action" is used because they refer to logical groupings of related actions, rather than specific actions.

Also, if there is a notification of new items that match the user's defined interests, then he can choose to go view them directly (in the illustration the notification text and corresponding button can be found at the lower left).

Lastly, the user can choose to exit (quit) the program.

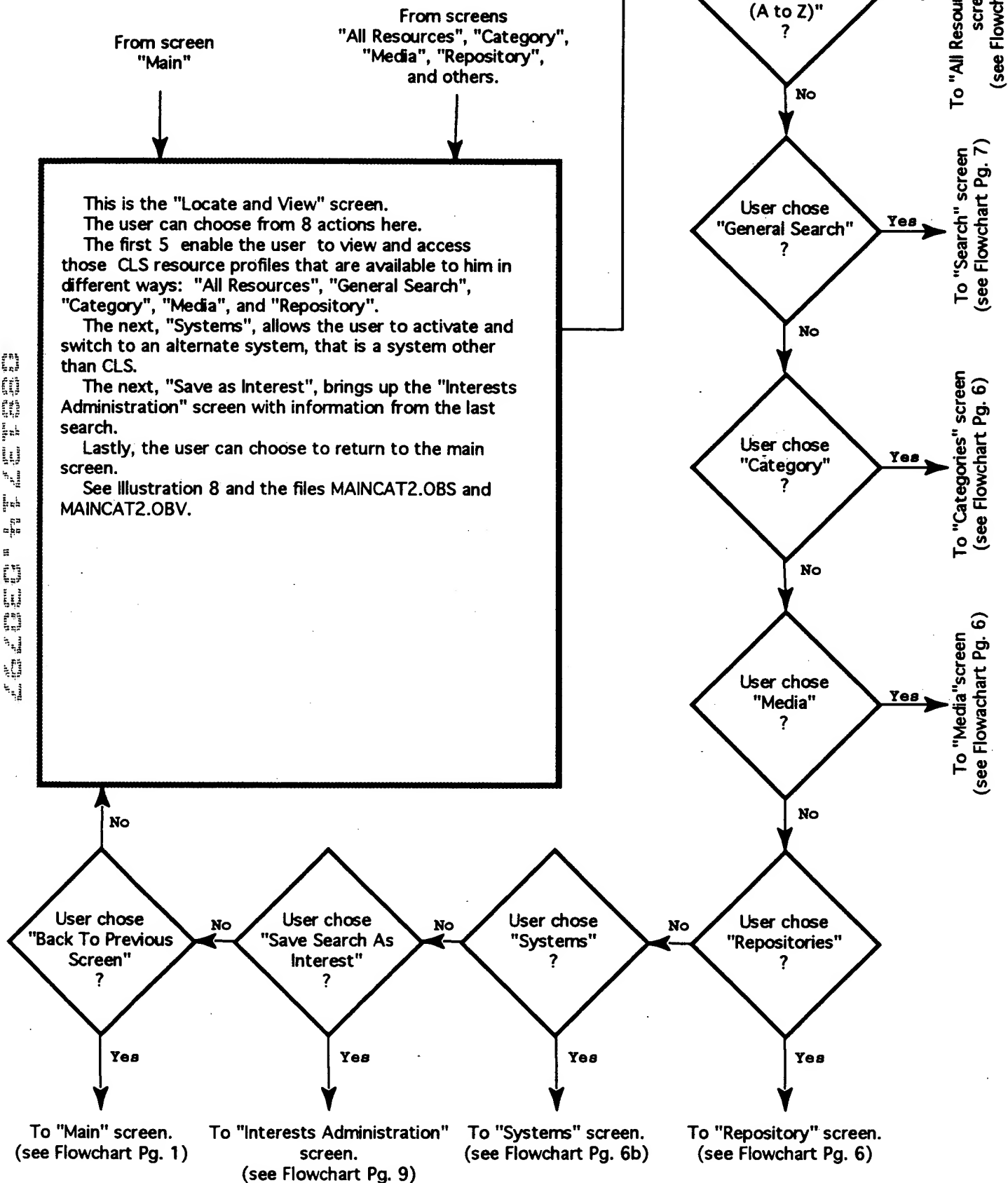
See Illustration 6 and the files MAINCAT1.OBS and MAINCAT1.OBV.

Note that the code in MAINCAT1.OBS provides for a timed event (through Windows™) that triggers an automatic update for subscriptions (ie: checking for new entries in the CLS database that match one or more of the user's defined interests). The user is notified of any subscription updates (as discussed above).



# "Locate and View"

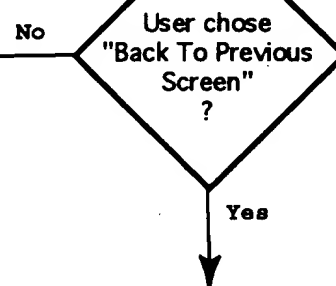
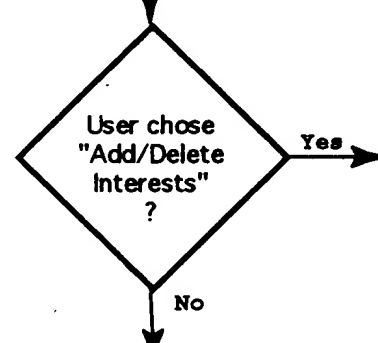
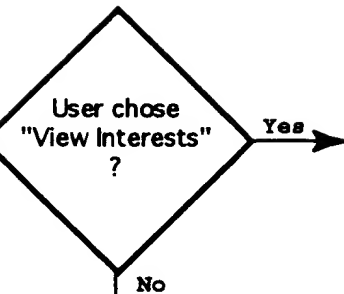
08/217065  
\$13712



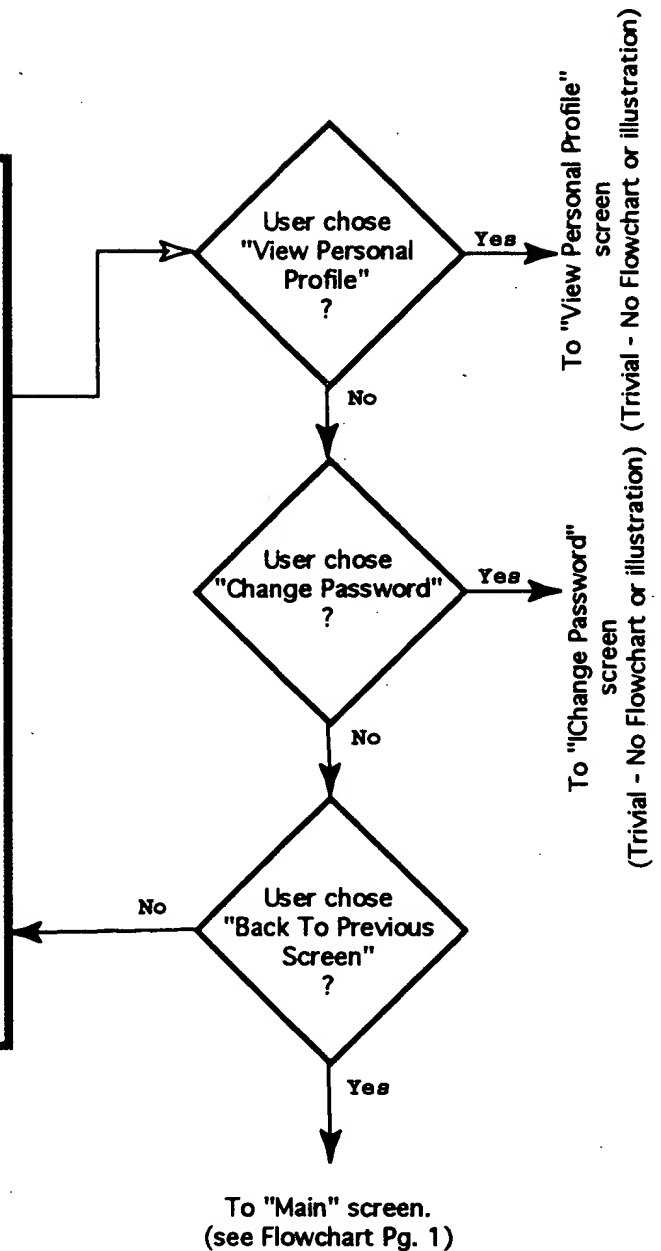
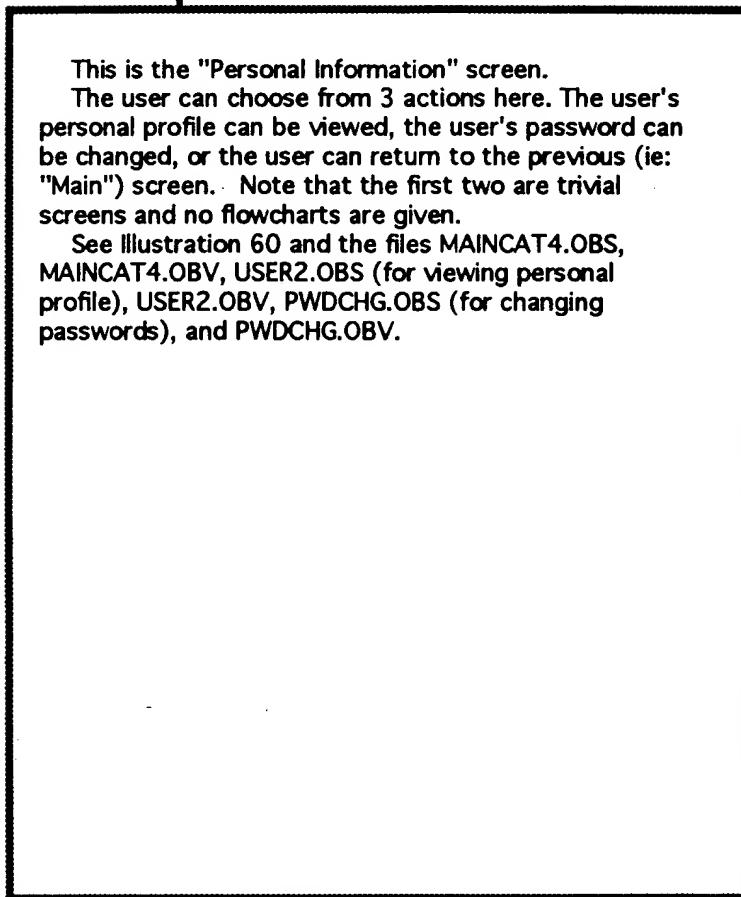


From screen  
"Main"

This is the "Identify Interests" screen.  
The user can choose from 3 actions here.  
The user's interests can be viewed all at once, or  
they can be added, deleted or modified one at a time.  
Again, the user can choose to leave the view mode  
and return to the previous screen.  
See Illustration 56 and the files MAINCAT3.OBS and  
MAINCAT3.OBV.



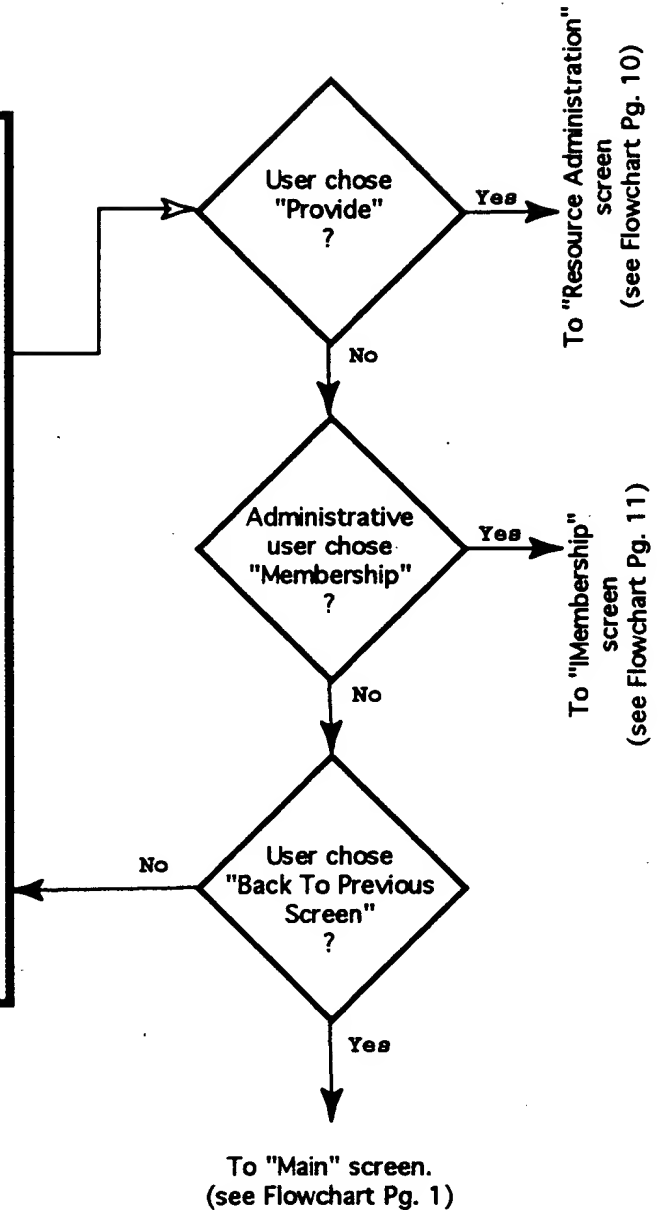
From screen  
"Main"





From screen  
"Main"

This is the "Provide or Distribute" screen.  
The general (ie: non-administrative) user can choose from 2 actions here. He can decide to provide resource profiles, or he can return to the previous (Main) screen. Administrative users have the additional ability to edit CLS membership.  
See Illustrations 40 (std. vers.) and 67 (admin. vers.) and the files MAINCAT5.OBS, MAINCAT5.OBV.



From screen  
"Locate and View"  
(see Flowchart Pg. 2)

Query database for list of items  
appropriate to screen (all resources by  
title, all categories, media types, or  
repositories).

This screen, with only minor variations, takes care of 4 of the 5 ways to view available CLS profiles. Since the screens share almost identical logic and visuals there is only one flowchart.

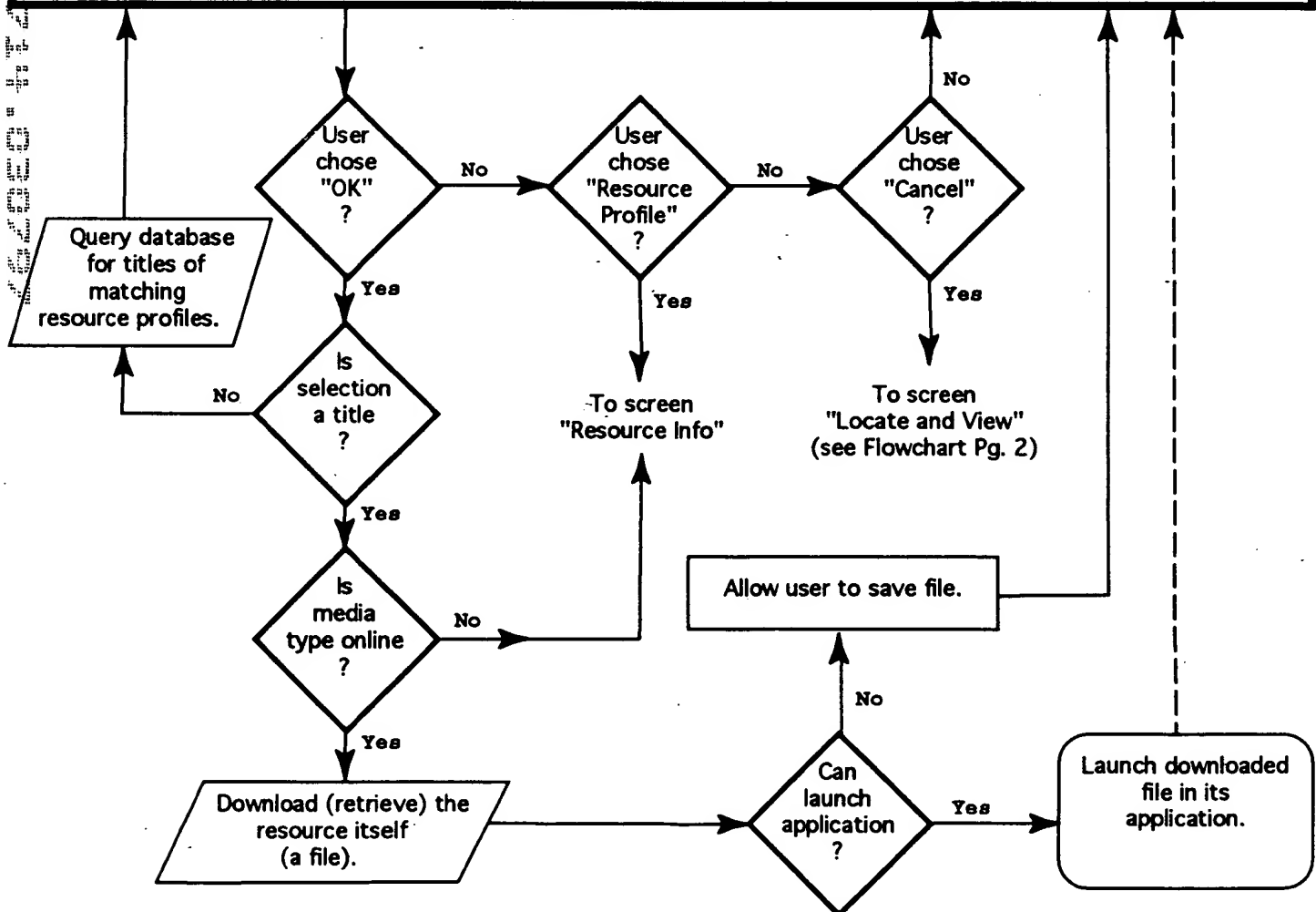
Resource profiles contain many items of information (see illustration 41), some of these are critical and are required (ie: if they are not provided, then the profile will not be accepted).

The resource title, information category, media type, and repository (an extra label) are required and form the basis for the variations in this screen. The basic idea is to display a list of all the possible values for one of these key fields, from which the user selects one, then all available profiles with matching values in that field can be made accessible using this same screen and displaying their titles.

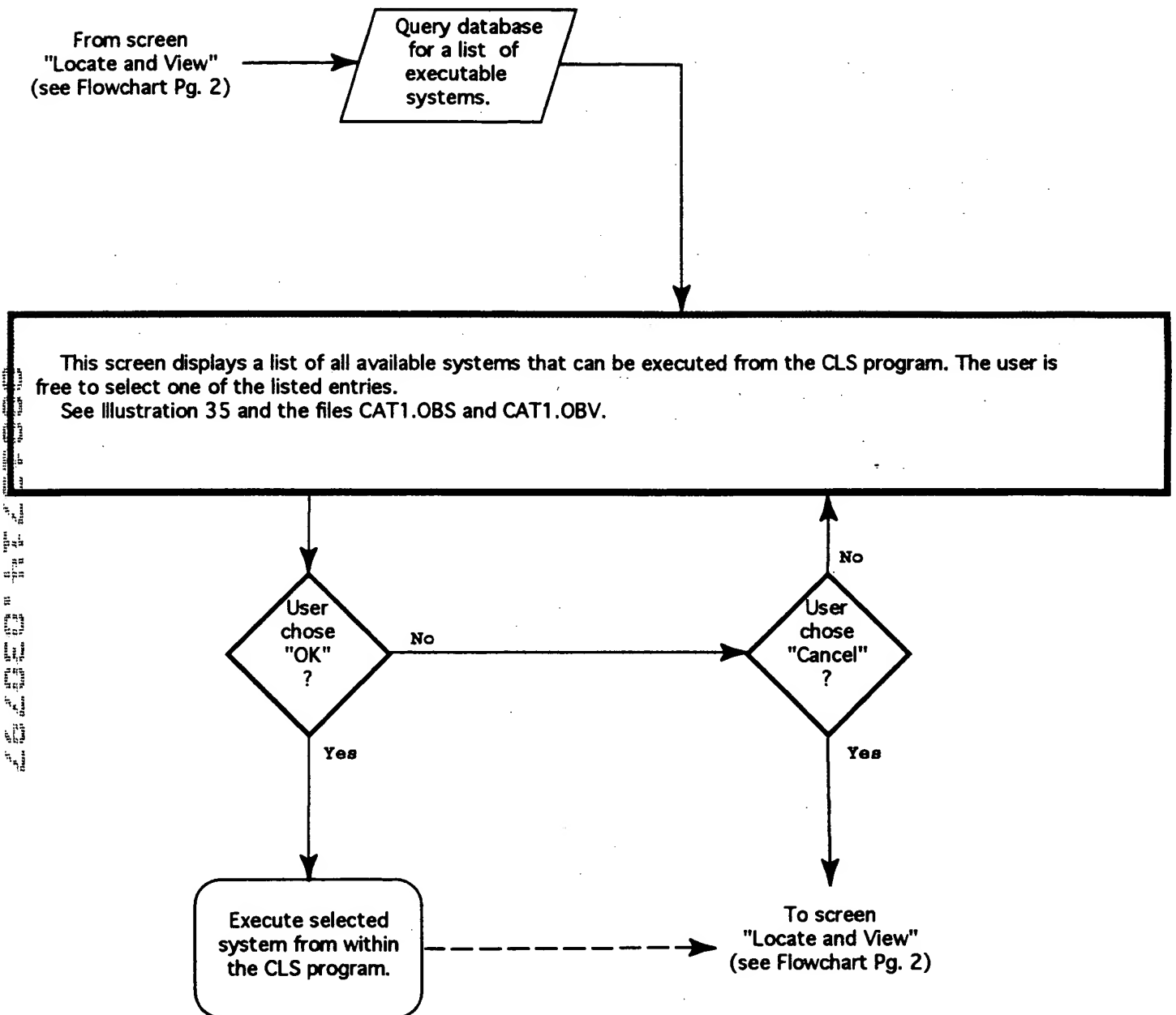
Specifically, the "Media" screen displays a list of all available media types, the "Category" screen a list of all available categories, "Repositories" a list of all available repositories, and "All Resources (A to Z)" a list of all available titles. The user is free to select one of the listed entries. Then a list of all titles which have a matching entry in that key field are displayed. Thereafter, selecting a title initiates a download (retrieval) of the file or its profile.

"All Resources (A to Z)" is a special case. A selection is a resource title - which fully specifies a unique resource - so choosing "OK" will directly attempt to retrieve the resource itself, as opposed to listing all resource profiles with matching titles, since there would only be one.

See Illustrations 19, 20, 27, 28, 30 & 31 and the files CAT1.OBS, CAT1.OBV, and RESULTS.OBS (esp. the subroutine "cataloginfo").

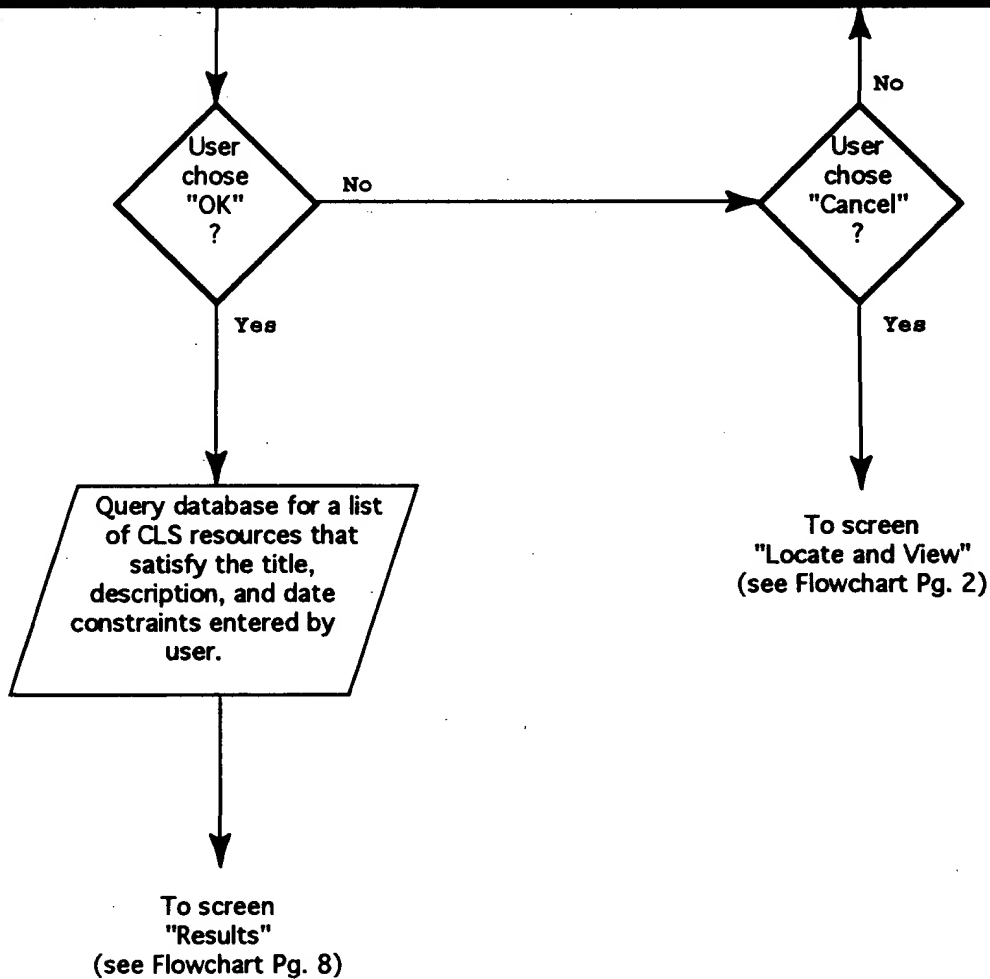






From screen  
"Locate and View"  
(see Flowchart Pg. 2)

This screen manages user-entry of logical search criteria for the title, description, and date. These are used to find CLS resources whose own title, description, and date match. See Illustration 16 and the files SRCHNEW.OBS and SRCHNEW.OBV.

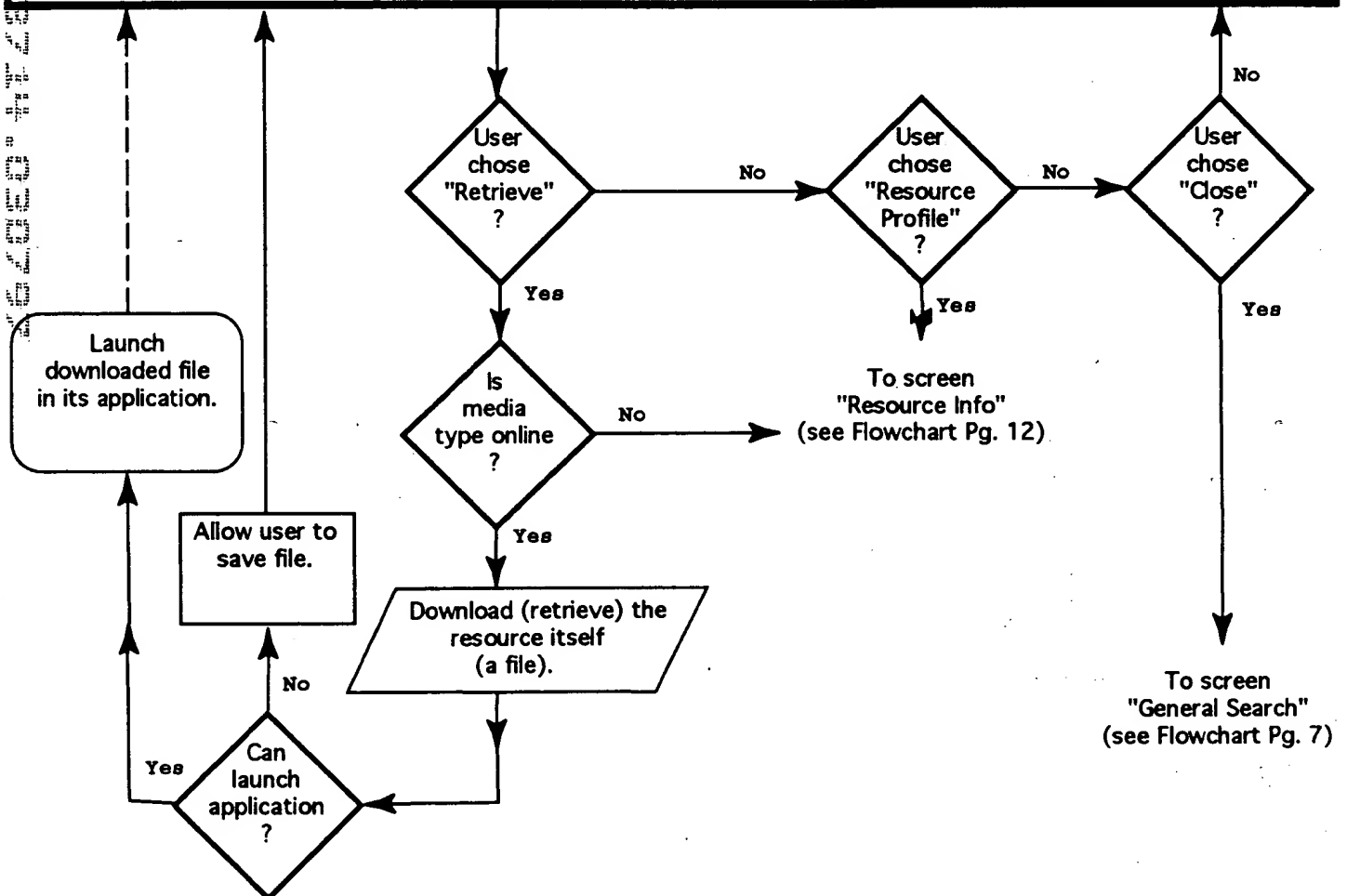




From screen  
"General Search"  
(see Flowchart Pg. 7)

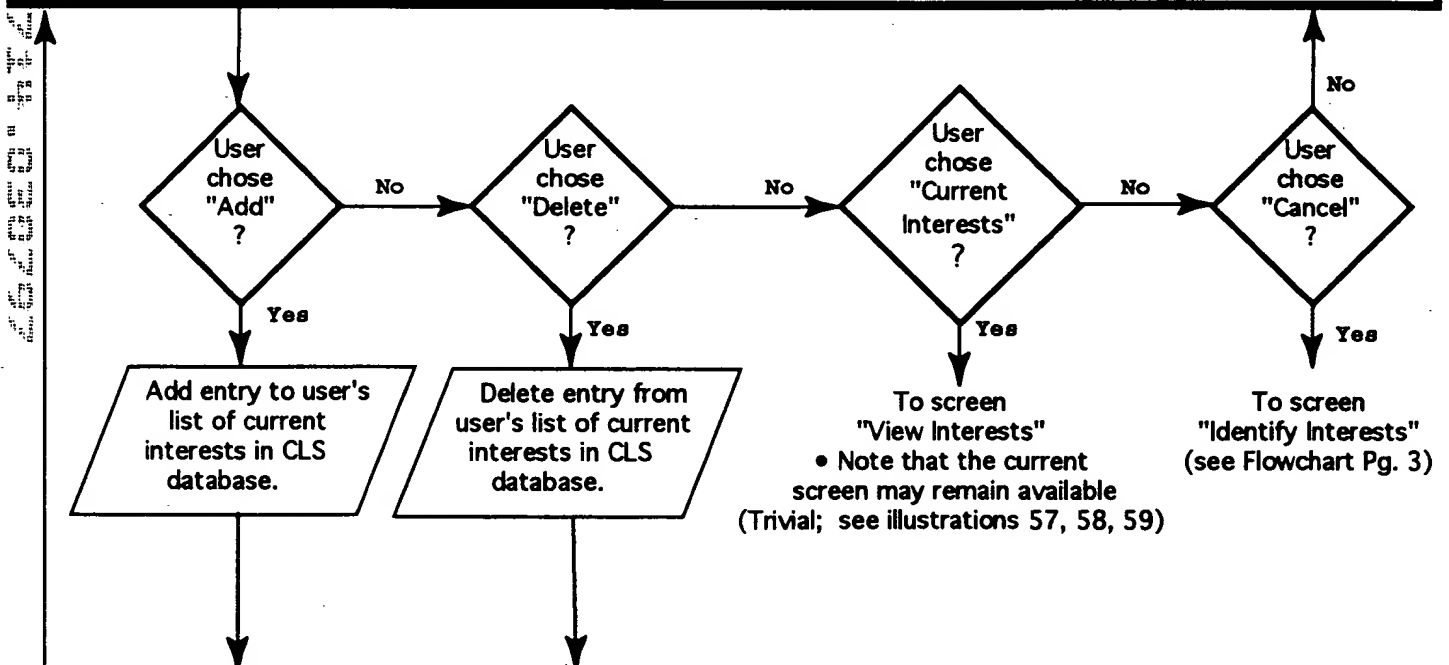
This screen displays a list of resources returned from a query of the CLS database. The user can select a CLS resource from the list and then download it or get its resource profile. Retrieving (ie: downloading) the file will automatically be followed by a launch of the program corresponding to the file, if possible, otherwise CLS will offer the user an opportunity to save the file for future reference.

See Illustrations 11 and the files RESULTS.OBV and RESULTS.OBS (esp. the subroutine "cataloginfo()").



From screen  
"Identify Interests"  
(see Flowchart Pg. 3)

This screen allows the user to add and delete interests from the list of current interests (see illustration 59). An interest is a single line of logical search criteria for resource titles. When used for a query it will return exactly those CLS resources whose title matches the criteria. (Compare with the "General Search" screen on Pg. 7)  
The list of current interests is maintained in the CLS database.  
See illustration 59 and the files PROFILE1.OBV and PROFILE.OBS.

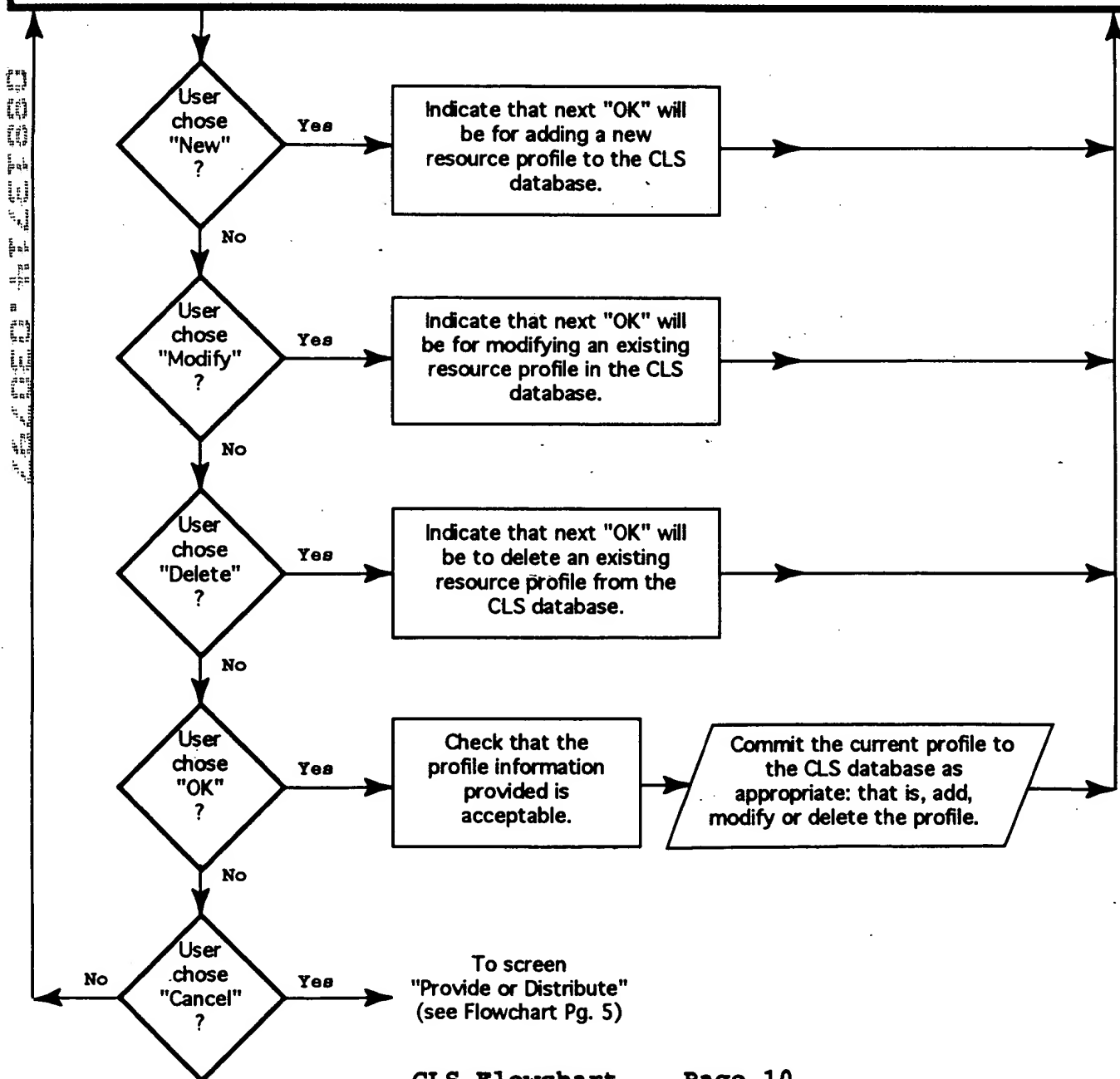




From screen  
"Provide or Distribute"  
(see Flowchart Pg. 5)

This screen allows the user to add, delete and modify resource profiles from the CLS database.  
Note that the actual resources themselves are the responsibility of the person providing the resource. In particular, if a resource is "online", then it is his responsibility to maintain a copy of the resource at the location indicated in the profile (ie: the "information filename" includes the directory path locating the file on the network).

See Illustration 41 and the files CATADMIN.OBV and CATADMIN.OBS.



From screen  
"Provide or Distribute"  
(see Flowchart Pg. 5)



This screen allows the administrative users to add, delete and modify members (ie: personal profiles) from the CLS network. This controls who can log on to the CLS network.. Note that this screen is only available to qualified users (eg: the CLS Administrator).

This screen also provides access to the "User Administrator" and "Teams" screens.

••• Flowchart details are not provided. •••

See Illustrations 68 through 75. The files MEMBERSHIP.OBV and MEMBERSHIP.OBS are not included. However, see USERADM.OBS and USERADM.OBV for the "User Administration" screen.



From screen  
"Results"  
(see Flowchart Pg. 5)  
also "All Resources", "Category",  
"Media" and "Repository"

This screen displays the key information about a CLS resource profile, and supplemental information about the contact (eg: E-Mail address and FAX number). It also allows the user to automatically forward an E-Mail or FAX request for more information about a resource, which is especially useful when the resource has a media type other than "online". Finally, if the media type of the resource is "online", then the resource can be retrieved directly (ie: downloaded) and launched in its native application (as can also be done from the "Results" screen). See Illustration 52 and the files CATDBF.OBV and CATDBF.OBS.

